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BOSTON PUBLIC SCHOOLS

REPORT OF THE COMMITTEE ON INSTRUCTION BY MEANS OF PICTURES

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INTRODUCTION.

Visual impressions are so much more impressive and lasting than those gleaned from the printed page, or heard by word of mouth, that the best and quickest way to teach certain subjects is by means of visual representations.

For this reason teachers are using more and more lantern slides, stereos and prints when they wish to teach rapidly, accurately, and vividly.

The main object of this report is to help the perplexed principal or grade teacher to select material for visual instruction by means of slides and pictures for use in the different grades. The work has been based on the lantern slide as this possesses certain great advantages over all other kinds of pictures except the motion picture. It can be seen by all members of the class at once. It shows very clearly and large enough to be studied in detail. It enables the teacher to orally instruct a large group of pupils while their eyes are fixed upon the object under discussion. It gives the pupil a chance to study one picture carefully, learn what it has to add to the lesson, and to tell his classmates what he has learned while they are looking at the picture on the screen.

We acknowledge our indebtedness to the Girls' High School for valuable assistance in preparing the manuscript for publication, and to Mr. Theodore M. Dillaway, Director of Manual Arts, for helpful suggestions concerning schoolroom decoration.

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CHAPTER I.

MEANS FOR VISUAL INSTRUCTION.

PRINTS.

Aside from the usual material to be found in all art stores there is an increasing number of publications adapted in form and cost to schoolroom use. Larger sizes may be obtained than those given here at proportionate prices.

Brown, George P., & Co., 38 Lovett street, Beverly, Mass. Catalog.
Art, geographical, historical subjects. Colored prints of birds and animals, 3 inches by 3½ inches, two for one cent, to 9 inches by 12 inches, $0.05 each.

Bureau of University Travel, Trinity place, Boston. Catalog.
Classic art subjects, carbon, 4 inches by 20 inches, $0.10 each.

Detroit Publishing Co., Detroit, Mich., P. O. Box 555. Catalog. W. E Iliff, 120 Boylston street, Boston, local agent.
Scenery, architecture, art. Colored views of American subjects, 6 inches by 8 inches, $0.35 each. "Library Prints," 7¾ inches by 9¾ inches, backed for filing, $0.75 each. Many of these prints may be had from the Boston Public Library.

Elson, A. W., & Co., 2A Park street, Boston. Catalog.
Art, history, scenery. Photogravures, 5½ inches by 8 inches, $0.10 each. Portfolios of ten, with printed descriptions, $1.25.

Emery School Art Co., 372 Boylston street, Boston. Catalog.
Painting, sculpture, architecture, natural scenery in photographic reproductions; special sets in reference to history and literature, 8 inches by 10 inches, $0.40, with printed descriptions in most cases.

National Geographic Magazine. National Geographic Society, 16th and M streets, N. W., Washington, D. C. $2 per year.

McKinley Publishing Co., 1619 Ranstead street, Philadelphia, Pa. Catalog.
McKinley Illustrated Historical Topics. The History Teachers' Magazine. $2 per year.

Perry Pictures Co., 42 Dartmouth street, Malden, Mass. Catalog.
Art, geographical, historical subjects, 2¼ inches by 2½ inches, $0.00¾ each, to 10 inches by 12 inches, $0.05 each. Colored prints of birds, animals, minerals, fruit, etc., 7 inches by 9 inches, $0.02 each.

Travel Magazine, McBride, Nast & Co., 31 East 17th street, New York, N. Y. $3 per year.

Turner, Horace K., Co., 214 Clarendon street, Boston. Catalog.
Picture study prints in sets of ten of a single subject, $0.05 per set.

The Halliday Historic Photograph Co., 8 Beacon street, Boston, Mass.
New England Historic Buildings and Colonial and Provincial Houses.

The National Association of Audubon Societies, 1974 Broadway, New York, N. Y.
Series of illustrated leaflets, colored if desired. Illustrations may be purchased separately.

The Prang Co., 120 Boylston street, Boston.
Audubon Bird Charts, colored.

Youth's Companion, Bird Portfolio, containing twelve drawings by Ernest Thompson Seton, with description on back of each drawing.

POST-CARDS.

Detroit Publishing Co., Detroit, Mich., P. O. Box 555. W. E. Iliff, 120 Boylston street, Boston, local agent.
Beautiful American views. Scenery, architecture, art, $2 per hundred. Special sets called "Little Phostint Journeys" in America, also an art set covering the best paintings in the leading American museums, forty in a set, $1 per set. Folder.

Hill, Smith & Co., 8 Milk street, Boston.
American and foreign post-cards in color. Scenery and architecture, $2 per hundred.

King, George B., 252 Boylston street, Boston.
American views. Two for $0.05; $2.50 per hundred; $1.75 per hundred for an order of one thousand. Foreign views.

How to Purchase Foreign Cards Directly from the Foreign Publisher.

On account of the high tariff on post-cards it is difficult to get foreign ones, especially at reasonable prices. For that reason it will be of interest to know how to purchase directly from the foreign publishers, and the addresses of a few firms.

According to the present tariff regulations (article 519):

"Books, maps, music, photographs, etchings, lithographic prints, and charts, especially imported, not more than two copies" (*i. e.*, two of a kind) "in any one invoice . . . for the use and by the order of any school, and not for sale," will be admitted without duty.

The proper way to proceed is to have the principal of the school (preferably) do the ordering. He in turn will receive the invoice, under oath, that they are "not for sale." The cheapest and most convenient way is the parcels post as that will bring the order to the local post office instead of to the Custom House.

Foreign Publishers.

Gordon Gill, Ltd., 28 Old Bond street, London, England.
F. Firth & Co., London, England.
E. T. W. Dennis & Sons, London, England.
Raphael Tuck & Sons, London, England.
W. A. Mansell, 405 Oxford street, London, England.
Joh. Ol. Andrews, Konstfoilag, Goteberg, Sweden.
Le Moine & Molmerstrom, Konstfoilag, Goteberg, Sweden.
Axel Eliassons, Konstfoilag, Stockholm, Sweden.
Abrahamson & Van Straaten, Amsterdam, Holland.
Dr. Trenkler Co., Leipsig, Germany.
Stengler & Co., Dresden, Germany.
Knacksted & Nather, Lichtdruck, Hamburg, Germany.
Purger & Co., Munich, Germany.
Wehrli, A. G., Hilchberg, Zurich, Switzerland.
E. Rossier, Nyon, Switzerland.
Ettore Ragozino, Galleria Umberto, Naples, Italy.
G. Blumlein & Co., Naples, Italy.

STEREOGRAPHS — STEREOSCOPES.

Keystone View Co., Meadville, Pa. Catalog. B. F. Dame, 120 Boylston street, Boston, local agent.

Particularly good in industrial subjects and travel tours. Full descriptions of each view on the back of each view. Stereographs, $16.67 per hundred. "600 Set" (containing 600 selected views) is an excellent equipment. It is fully indexed and cross-cataloged for geography. Stereoscopes, $0.90.

Underwood & Underwood, 12 and 14 West 37th street, New York. Catalog. C. F. Randall, 32 Irving street, Cambridge, Mass., local agent.

The Underwood Travel System. Original stereographs; classified geography, and topics for industries, physical conditions, etc. Sets of 18 to 100 arranged in the same order that one would take a journey. Each is numbered and the outlook indicated on maps. Descriptions furnished in book form. Price of tours $2.50 and upwards. Stereo-

graphs, $2 per dozen; stereoscopes, $0.80 each. Will submit for approval free of expense. "1,000 Set" (containing 1,000 selected views) is an excellent set. It is fully indexed and reclassified under eighteen subjects.

White, H. C., Co., North Bennington, Vt. Catalog.

$16.66⅔ per hundred; $2 per dozen. Two stereoscopes furnished with each one hundred stereographs. All goods washable and antiseptic. Stereopack groups of stereographs in geographical divisions may be purchased with description cards, and teachers' hand-book, $0.50 per pack. This house handles Dr. L. L. Wilson's "Geography Visualized by the Stereograph." Stereoscopes, $0.80 each. Sets of one hundred views cross indexed will be sent for inspection.

The distinct advantage of the stereoscope as a means of visual instruction is that the third dimension is realized, the natural distance being shown between objects. As the biograph adds motion so the stereoscope contributes reality to the scene.

To any who are concerned in regard to the possible danger of infection by promiscuous handling of the stereoscopes by the pupils the following method of prevention is recommended. Wipe the instrument with a cloth dampened in a solution of one part denatured alcohol and three parts water.

Stereographs in which the details are distinct and large may be used in the reflectoscope in the same way as other illustrations.

STEREOPTICON SLIDES.

Detroit Publishing Co., Detroit, Mich., P. O. Box 555. Boston office, W. E. Iliff, 100 Boylston street.

American scenery, art, and architecture. $30 per hundred; $0.30 each. Samples of all slides mentioned in this report may be seen at the Boston office. Much larger lists will be furnished on application.

Handy, A. D., 12 Bromfield street, Boston. Catalog. Slides (economic), $0.25 each.

Keystone View Co., Meadville, Pa. Catalog. Boston representative, B. F. Dame, 120 Boylston street, Boston.

$35 per hundred; $0.35 each. Full description furnished in handy form with each slide. Will send, free of expense, unmounted prints of any subject to aid in selecting slides. Industrial subjects and travel tours of the world particularly good. "600 Set" (600 selected views). Fully indexed and cross-cataloged for geography. An excellent set.

Levy *et ses fils*, Paris, France. T. H. McAllister & Co., American agent. (See J. H. Thurston.)

McAllister, T. H., Co., 49 Nassau street, New York. Catalog. See J. H. Thurston, 50 Bromfield street, general selling agent.

$35 per hundred; $0.35 each. Subjects covering geography, history, art, and literature. Carry both domestic and foreign made slides.

Stebbins, N. L., 132 Boylston street, Boston.

Thompson, A. T., & Co., 15 Tremont place, Boston.

Thurston, J. H., 50 Bromfield street, Boston, general selling agent for T. H. McAllister Co.

Slides (economic), $0.25 each.

Underwood & Underwood, 12th and 14th streets, New York. Catalog. C. F. Randall, 32 Irving street, Cambridge, Mass., local agent.

$35 per hundred; $0.35 each. Cataloged by titles and typical journeys in all lands. Will submit, free of charge, in stereographic form, if requested. Travel-lectures in typewritten form, accompanied with slides, may be rented from $3 to $5, expense of transportation not prepaid. "1,000 Set" (1,000 selected views). An excellent set. Fully indexed and reclassified under eighteen subjects.

White, H. C., Co., North Bennington, Vt. Catalog.

$35 per hundred. Will submit stereographic photographs to aid in selecting slides.

STEREOPTICONS AND REFLECTOSCOPES.

The almost universal use of electricity in school buildings has tended to eliminate all projecting apparatus but that which has electricity for a luminant. The introduction of the reflectoscope, whereby post-cards, diagrams, illustrations from magazines, etc., may be shown on the screen, has made possible the use of an unlimited amount of material at no expense. Thus while the slide will be of permanent importance the reflectoscope is indispensable. With the latest models the unpleasant hum due to the use of the alternating current has been reduced. This may be further overcome by using soft electra carbons, separating them but a little when in operation, and introducing just as much resistance as is necessary to get a bright image on the curtain. Those schools that are in the direct current zone should have no hum.

A variety of cheaper instruments are carried by these houses. Demonstrations of the ones included above will be given at the addresses mentioned. Privately owned equipments should not be

installed without the knowledge of the Schoolhouse Commission, which employ an expert for such matters.

Handy, A. D., 12 Bromfield street, Boston. Catalog.
Stereopticon and opaque projector, $200; opaque projector alone, $125.
Kenney Bros. & Wolkins, 224 Congress street, Boston.
Keystone View Co., Meadville, Pa. Catalog.
Carry Bausch and Lomb instruments.
Thompson, A. T., & Co., 15 Tremont place, Boston. Catalog.
Stereopticon and reflectoscope, $200; stereopticon alone.
Thurston, J. H., 50 Bromfield street, Boston. Catalog.
Stereopticon and opaque projector, $200; opaque projector, $175. Carry Bausch and Lomb instruments.

MOVING PICTURE MACHINES.

When the opportunity comes for introducing such machines, deal directly with the Schoolhouse Commission, or previously with some local house. The following have interesting propositions:

American Moving Picture Machine Co., 101 Beekman street, New York. Catalog.
Thomas A. Edison, Inc., Orange, N. J. Catalog.
Home Kinetoscope Films. Industrial, historical, geographical. Subjects included. Catalog.

The possible danger from careless operation of the moving picture machine, and the stringent regulations regarding the operation of the same in this state, have made it difficult to introduce such a means of instruction into the schools. As in the case of the stereopticon, gradual improvements for safety stimulate popular confidence.

There is a present duty in becoming familiar with the mechanism of the biograph. Copies of the state laws governing their operation may be obtained from the office of the State Police, State House, Boston. Especially should we demand that non-explosive films be used in the making of all educational films.

A recent invention by Thomas A. Edison, the Home Kinetoscope, is the best thing now available as a motion picture machine, because it costs less than $90, is small, convenient, and safe. The Thomas A. Edison Company, Inc., of Orange, N. J.,

manufactures this machine and a special film which is non-explosive, as it is not made of nitro-cellulose, of which the ordinary film is manufactured.

The expense of the films is almost nominal, varying from $2 to $20. The exchange plan makes the expense item reasonable. The Iver Johnson Sporting Goods Company, Washington street, Boston, gives daily demonstrations of the Home Kinetoscope and films; also S. J. Fry, 32 Boylston street, Boston.

S. J. Fry, 32 Boylston street, headquarters for moving picture machines, operators, and films.

CHAPTER II.

SELECTED GEOGRAPHY SLIDES.

The purpose of including this list of 2,200 slides is to furnish the master with a convenient source from which to select views of permanent and approved value. The vast number of negatives owned by the various publishers presents a bewildering problem to one who has a limited amount of money to expend. One million titles have been canvassed; 10,000 slides, stereographs, and prints have been examined. Investigation shows that whereas some parts of the world have attracted the photographer, others have not, for which reason this list omits certain sections and scarcely includes others.

Two ideas were particularly in mind in the selecting, namely, the presentation of those scenes which show peculiar life and environment as contrasted with ours, and a minimum list upon which to build a more complete and satisfactory one. The industrial life of various peoples is well represented, whereas architecture, street scenes in American cities and views of temporary value have been slighted. A carefully cataloged set, especially if cross-indexed, may be used with far greater success than a much larger one kept in a careless way. A view of the Tennessee river from Lookout Mountain will serve to show the scenery of that part of the state, the winding of a river flowing through a level section, a chapter in physical geography, and a point of interest in the Civil War.

The list represents slides, although it may be obtained in such forms as stereographs, post-cards, and prints, but not all in every case. (See chapter I.) The initials D, U, W, K, M, indicating the publishers, should not be understood to mean that the view mentioned after the number cannot be obtained of other firms as well. As the prices obtained for Boston schools are so nearly alike it may be most convenient for some masters to ask one publisher to furnish whatever the requisition calls for. In this case the publisher will supply his own when he can, and get the others for you.

In making out the requisition follow the usual custom as in ordering text-books, wording the order

"100 stereopticon slides,
20 stereographs,
200 stereoscopes,"

or whatever quantity is desired, giving name of the publisher and the price of each requisition. Post-cards and prints are not on the authorized list, except several sets of pictures for language study. (See chapter VII.) Following the regularly prescribed approval of the assistant superintendent, a duplicate order will be sent to you for presentation to the dealer of your choice. If you wish to follow the selection indicated in this report, send one requisition for each house to the assistant superintendent. In case the master wishes to equip one grade, the numbers at the right of the titles will serve to make his task easy. To make a sum of money serve the largest number of grades select those titles which are followed by several grade numbers.

In case a certain view is wanted but cannot be found in any catalog, write to a dealer. As new slides are constantly being published it is likely that the one desired may be obtained readily; otherwise, by specifying a picture in a book, or furnishing an ordinary print, a slide can be made for you for 50 cents or less. If plate negatives are furnished the expense of the making of the "slide" will be 35 cents or less. A later chapter tells how to make your own diagrams, charts, maps, etc., for the stereopticon. (See chapter XII.)

An opportunity for borrowing selections from this list on application to the Children's Museum, Refectory Building, Franklin Park, or to the Boston Public Library is under consideration. This will be possible if all interested will write to Mr. Horace G. Wadlin, Librarian, Boston Public Library, Copley square, and to Mr. Edson L. Ford, 113 Ocean street, Dorchester, urging that these slides be purchased for loan purposes by their respective institutions.

Key to Slide Numbers.

D Detroit Publishing Co.
K Keystone View Co.

L Levy *et ses fils.* (See McAllister or Thurston.)
M McAllister, T. H.
S Stebbins, N. L.
U Underwood & Underwood.
W White, H. C.

For addresses and names of local agents and prices, see chapter I.

NORTH AMERICA.

Political and relief maps may be obtained of T. H. McAllister. (See chapter 1.)

Alaska.

U	4705	A dreary place to live — Main street, Wrangle — famous for its saloons and Indian totem poles	4	5	–	–	–
U	4706	A mysterious family or tribal monument of the old Hydah Indians — curious totem poles at Wrangle	4	5	–	–	–
U	4709	Indian village of Klinkwan — modern natives and totem poles of the old Hydahs	4	5	–	–	–
U	4710	The fantastic Potlatch dancers, Indian village of Klinkwan,	4	5	–	–	–
U	4712	Mouth of "Troandik" (plenty fish) river, from which the Klondike mining region takes its name	–	5	–	–	–
U	4713	"Dan's Cabin," the most noted stopping place on the Klondike trail, Hootalinqua river	4	5	–	–	–
U	4714	A native home, with its own totem poles and laundry pool	4	5	–	–	–
U	4715	Among the modern Hydah Indians — starting on a hunting trip	4	5	–	–	–
U	10655	Miners on the rim of the "glory hole," at the Treadwell mines	4	5	–	–	–
U	10656	Far North metropolis of Juneau in a setting of mountains and sea	4	5	–	–	–
U	10657	Among the icebergs in Takon inlet	4	5	–	–	–
U	10658	American railway climbing and tunneling the gold-bearing mountains	4	5	–	–	8
K	9065	Steamer "Australia" loading for Alaska	–	5	–	–	8
K	9286	On deck of steamer "Queen," bound for the Klondike	4	5	–	–	–
K	21022	A group of Malamut children	4	5	–	–	–
K	11540	Malamut Indians moving camp	4	5	–	–	–
K	11558	A stop for lunch, Malamut Indians	4	5	–	–	–
K	11518	Drying fish on the Yukon river	4	5	–	–	8
K	9358	Natives of Alaska, Alaska Indians	4	5	–	–	–
K	9375	Going up the Yukon river by moonlight to Dawson City, Alaska	4	5	–	–	–
K	9213	Distant view of Chilkoot Pass, Alaska	–	–	6	–	–
K	11555	Willie Campbell	4	–	–	–	–
K	11508	Willie Campbell and his pets	4	–	–	–	–

K	9272	Dr. Shelden Jackson and government reindeer	4	5	–	–	–
K	11536	Prospectors building winter quarters, Alaska	4	5	–	–	–
K	11534	A letter from home, on the Allenkaket river, Alaska	4	5	–	–	–
K	11535	Whipsawing lumber for a cabin, Alaska	4	5	–	–	–
K	9282	The first white man's log cabin, Haines, Alaska	4	5	–	–	–
K	9207	The "Red Front" store, Sheep Camp, Alaska	–	5	–	–	–
K	11503	Over the ice, Koyukuk river, Alaska	4	5	–	–	–

Gold Mining.

K	9196	Miners and packers climbing the "Golden Stair"	–	5	–	–	–
K	9208	Gold miners climbing	–	5	–	–	–
K	11560	Prospecting for gold in Alaska	–	5	–	–	8
K	9201	A claim of the Klondike	–	5	–	–	8
K	9374	Placer mining near the Yukon river, Alaska	4	5	6	–	8
K	11527	Prospector's winter quarters	4	5	–	–	8
K	11548	Prospectors returning to camp, 60 degrees below zero	4	5	–	–	–
K	11530	Just in from Arctic City, Alaska	–	5	–	–	–
K	21031	Gold miners landing supplies	–	5	–	–	8
K	11562	Prospectors burning down a hole, Alaska	–	5	–	–	–
K	9299	Gold miners at work	4	5	–	–	8

Arctic Regions. (See Greenland.)

U	4686	Arctic explorers preparing for the long winter — historic Cape Sabine and Baffin bay (79° north latitude)	4	5	–	–	–
U	4690	Cape Sabine and Baffin bay — The Peary ship "Diana" putting into winter quarters (1899)	4	5	–	–	–
U	4691	Coming out of a snow-covered "Igloo" — a winter home in the Arctics — Ellesmere Land	4	5	–	–	–
U	4692	During the Arctic's long summer day — Eskimo homes, Peteravik, Ellesmere Land (79° north latitude)	4	5	–	–	–
U	4693	Eskimo belles and their garb in the frigid Arctic — Cape York, Greenland	4	5	–	–	–
U	4694	Face to face with the Eskimos, inhabitants of the frigid North, Cape York, Greenland	4	5	–	–	–
U	4695	Eskimo mother and babe and pet wolf on deck of steamer "Diana," off west coast of Greenland	4	5	–	–	–
U	4696	West coast of Greenland (latitude 76° north) — little auks covering the sea	4	5	6	–	–
U	4697	The world's most unique inhabitants — Eskimos and their "toupiks" (summer tents), North Greenland	4	5	–	–	–
U	4698	The whalers "Diana" and "Nova Zembla" cruising in the Arctic — Dexterity Harbor and Baffin Land	–	5	–	–	8
U	4701	Whaling in Baffin bay — taking out the whale's bone (worth $8,000)	4	5	–	–	8
U	4702	Loading the flippers and blubber of a great whale — a capture in Baffin bay	4	5	–	–	8

Canada.

U	8042	Yarmouth Harbor at high tide, N. S.	4	5	6	–	–
U	4786	Looking across picturesque Digby gut, N. S.	–	5	6	–	–

U	4785	Village of Grandpré in its "fruitful valley," N. S.	–	5	6	–	8
U	4791	Ruins of old French fort at Louisburg, N. S., once one of the strongest fortifications in the world	–	5	6	–	–
U	4795	Gathering dulse, Bay of Fundy, St. John, N. B.	4	5	6	–	–
U	8046	Unloading dried cod, Paspebiac, Bay Chaleur, Que.	4	5	6	–	8
U	4780	Gannet ledges, the homes of the gannets — on the St. Lawrence river, near Percé Village	4	5	6	–	–
U	6810	An early morning breakfast with Canadian hunters, Quebec	4	5	6	–	–
U	8048	The best fortified town in the western world — Quebec, from Levis across the St. Lawrence	–	5	6	–	–
U	8049	No room to spare — looking from Little Champlain street up the Breakneck Steps, Quebec	4	5	6	–	–
U	4776	Wolfe's Monument and Plains of Abraham, Quebec	–	5	6	–	–
U	8051	Cosy Canadian homes that delight an artist's eye — Beaufort road, from Quebec to Montmorenci	4	5	6	–	–
U	4762	St. James street, Montreal	–	5	6	–	–
U	8052	Looking toward Mount Royal, from near Dominion square, Montreal	–	5	6	–	–
U	4756	Bird's-eye view of Montreal from Mount Royal, Que.	–	5	6	–	–
U	8053	The Dominion's capital, Ottawa, southeast from Parliament Building, over east wing, post office and canal	–	5	6	–	8
U	4749	Amid the island gems which adorn the St. Lawrence — Thousand Islands	4	5	6	–	–
U	9555	Tireless Niagara — Horseshoe Falls from above	4	5	6	–	–
U	5475	Horseshoe Falls from the Canadian side — showing Goat Island, Niagara	4	5	6	–	–
U	4752	Boat in one of the twenty-five locks of the new Welland Canal, near Thorold	4	5	6	–	–
K	13832	Lake Louise and Valley of the Bow	4	–	6	–	–
K	13894	In the land of Evangeline, Grandpré, N. S.	–	5	6	–	8
K	13839	The mighty Fraser as it leaves the canyon near Yale, B. C.,	4	5	6	–	–
K	13817	Dipping salmon, Fraser river, B. C.	4	5	6	–	–
K	13882	Indian basket weaving, Canada	4	5	6	–	–
K	10692	Buffalo, Canada	4	5	6	–	–
K	6722	Old Hudson Bay Company's block house, Lake Superior Industries Company buildings in background, Sault Ste. Marie, Ont., Can.	–	5	6	–	–
M	15	Selkirk Range, effect of avalanche	4	5	6	–	–
M	13727	Devil's Canon	–	5	6	–	–
M	10618	Gold mining, "Sluicing, the Benches"	4	5	6	–	8
M	10631	Ten-mile Point. Camped for the night	–	5	6	–	–
M	10609	Indian village	4	5	6	–	–
M	25	Parliament Buildings, interior, Ottawa	–	–	6	–	–
M	1488	Ice cutting	4	5	6	–	8
M	834	Train snowed up	4	5	6	–	–
M	1433	Dufferin terrace and Chateau Frontenac, Quebec	–	–	6	–	–
M	1430	Panorama, Quebec	–	5	6	–	–
M	1456	An old street, Quebec	–	5	6	–	–
M	56	Apple orchard in blossom	–	5	6	–	–
M	4150	Peat field, at work	4	5	6	–	–

M	25	Raising hogs	4	5	6	–	8
U	8065	In the heart of the Selkirks — from summit looking west, B. C.	4	5	6	–	–
M	14653	Illicillewaet Glacier — Crevasse	4	5	6	–	–
U	4842	The great Illicillewaet Glacier of the Selkirks, Glacier, B. C.	4	5	6	–	–
U	4839	Where train and steamship meet — Canadian Pacific Station, Vancouver, B. C.	4	5	6	–	8
U	4851	Junction of the two richest creeks on earth — the gold-laden Eldorado and Bonanza, Yukon district	–	5	6	–	–
U	4753	A Canadian farmyard	4	5	6	–	–
U	4767	Laliberte's fur parlor — the finest in the world — Quebec,	4	5	6	–	–
U	4853	The mine where a single pan of gravel yielded $400 gold, Eldorado Creek, Klondike	4	5	6	–	–
U	4854	The gold mine where $1,500 was taken out each day, Hunker Creek, Klondike	4	5	6	–	–

Costa Rica.

K	12805	Tropical verdure above the clouds, Costa Rica	–	–	6	–	–
K	12822	The steel bridge across the Rio Grande, Costa Rica	–	–	6	–	–
K	12909	Loading cattle by the horns, Port Limon, Costa Rica	–	–	6	–	8
K	12813	Bird's-eye view of San José, Costa Rica	–	–	6	–	–
K	12818	The stately cathedral, San José, Costa Rica	–	–	6	–	–
K	6255	A village street, Heredia, Costa Rica	4	–	6	–	–
K	12825	Coffee Finca, Costa Rica	4	–	6	–	–
K	12826	Costa Rica coffee piles	4	–	6	–	–
K	13872	Port Limon pier	–	–	6	–	–
K	18382	Native Indians	4	–	6	–	–
K	18385	Cocoanut grove	4	–	6	–	–
K	18388	Loading bananas on train	4	–	6	–	–

Cuba.

K	6250	A calabash tree, Cuba	4	–	6	–	–
K	9072	Reconcentrado farming scene, Province of Havana, Cuba,	4	–	6	–	–
K	9978	Open mining in the mountains of Daiquin, Cuba	–	–	6	–	8
K	20521	Dumping ore, open mining, Cuba	–	–	6	–	8
K	20519	Loading sweet potatoes for market	4	–	6	–	8

Dominica.

K	14448	A mountain slope home, Dominica, B. W. I.	4	–	6	–	–
K	14452	A scalding flood, Boiling Lake region, Dominica, B. W. I.,	–	–	6	–	–
K	20520	Load of cocoa for market, Dominica, B. W. I.	4	–	6	–	8
K	14458	Drying cocoa in the best way, Dominica, B. W. I.	4	–	6	–	8
K	20510	Gathering the golden limes, Dominica, B. W. I.	4	–	6	–	8
K	14454	"Rining limes," extracting oil from the skin of the fruit, Dominica, B. W. I.	4	–	6	–	8

Greenland.

M	29	Eskimo eating blubber	4	5	6	–	–
M	30	Eskimo sledge and dog	4	5	6	–	–

M	14826	Eskimo group and hut	4	5	6	–	–
M	6	Fast to land ice	–	5	6	–	–
M	8	Crew tracking ship through ice	–	5	6	–	–
M	14836	Eskimo kiak	4	5	6	–	–
M	14843	Harbor and town, Upernavik	–	5	6	–	–
M	17761	Godthaab, native woman	4	5	6	–	–
M	17764	Inglefield Gulf, vessel in ice	–	5	6	–	–
M	17765	Inglefield Gulf, natives and sledges	4	5	6	–	–
M	17768	Netiulume, stone Igloos and natives	4	5	6	–	–
		Also see "Arctic Regions."					

Guatemala.

M	3	Volcano of Fuego, Cone	4	–	6	–	–
M	4408	Zocapa, Plaza	–	–	6	–	–
M	4418	Gathering bananas	4	5	6	–	–
M	4419	Cactus tree and native hut	4	5	6	–	–
K	6259	Bird's-eye view of Guatemala City, Guatemala	–	5	6	–	–
K	12891	Market in front of military academy, Antigua	–	–	6	–	8
K	12898	Mountains multitudinous, Guatemala	4	–	6	–	–
K	12889	The old viceroy's palace and plaza, Antigua	–	–	6	–	–
K	12887	Cathedral and market, Antigua	–	–	6	–	–
K	12901	'Neath royal palms on an old sugar plantation, Guatemala,	–	–	6	–	–
K	12900	Coffee Finca, Guatemala	4	–	6	–	8
K	12899	A mountain home near Laguna, Guatemala	4	–	6	–	–

Honduras.

M	4451	Unloading mahogany from train	4	–	6	–	8
M	4453	Through the jungle on the Honduras Railway	4	–	6	–	–

Coffee Cultivation.

M	39	Planting seed	4	–	6	–	8
M	40	Weeding and shading young plants	4	–	6	–	8
M	41	Transplanting young trees	4	–	6	–	8
M	42	Full-grown tree	4	–	6	–	8
M	45	Harvesting	4	–	6	–	8
M	46	Bringing in the crop	4	–	6	–	8
M	47	Spreading berries to dry	4	–	6	–	8
M	48	Turning over berries in the sun	4	–	6	–	8
M	50	Loading sacks for export	4	–	6	–	8
M	52	Drying	4	–	6	–	8
M	18390	Coffee in bloom	4	–	6	–	8

Jamaica.

K	9997	The Bog Walk river, Jamaica	4	–	6	–	–
K	9993	A home among the royal palms, Jamaica	4	–	6	–	–
K	9987	An old Jamaica negress at home	4	–	6	–	–
K	9994	The Kingston market, Jamaica	4	–	6	–	–
K	9992	Bay of Port Antonio, Jamaica	4	–	6	–	8
K	9988	Milk delivery in Jamaica	4	–	6	–	8

K	9986	In the stone quarries, Jamaica	4	–	6	–	–
K	9985	Stone carriers, Jamaica	4	–	6	–	–
K	9991	A cattle ranch in Jamaica	4	–	6	–	8
K	10227	The zebra, Jamaica	4	–	6	–	–
K	9990	Jamaica oxen	4	–	6	–	–

Mexico.

K	10891	Mexico Valley, the garden spot of America	–	5	6	–	–
K	10893	Where the beautiful Kerma winds, Mexico	4	5	6	–	–
K	10849	The tunnel, Igula Canyon, Cuernavaca Railway, Mexico,	–	5	6	–	8
M	1530	Happy family	4	5	6	–	–
M	3997	Caretta, and plow	4	5	–	–	8
M	1555	Ox cart	4	5	6	–	–
M	5464	Adobe houses	4	5	6	–	–
M	8397	Peon group	4	5	6	–	–
K	10809	Home of the Peon, the adobe hut, City of Mexico	4	5	6	–	–
K	10841	Characteristic homes in the hot lands, Igula, Mexico	4	5	6	–	–
K	10895	A quaint Mexican home	4	5	6	–	–
K	6258	Low porticoed houses and barred windows, Ixtacalco	4	5	6	–	–
K	10800	Mexico's principal harbor, Vera Cruz	4	5	6	–	8
K	10916	Avenue of Palms, Vera Cruz	–	5	6	–	–
K	10835	Irrigating pump, near Monterey, Mexico	4	5	6	–	8
K	10803	The City of Mexico	4	5	6	–	–
K	10831	Romantic Viga Canal, City of Mexico	–	5	6	–	–
K	10915	Cortez's palace and garden, Cuernavaca, Mexico	–	5	6	–	–
K	10817	In the market, sugar cane, Queretaro, Mexico	4	5	6	–	8
K	10853	Salt market, Cuernavaca, Mexico	4	5	6	–	8
K	10920	Water peddler with loaded burro leaving fountain, Guadalayara	4	5	6	–	–
K	10842	Drawing pulque and filling pigskins for market, Tacuba,	4	5	6	–	8

Coffee.

K	10876	A coffee and banana hacienda, Orizaba, Mexico	4	5	6	–	8
K	10877	Coffee tree loaded with ripe berries, Orizaba	4	5	6	–	8
K	10879	Preparing coffee for the fastidious consumer, Orizaba	4	5	6	–	8

Silver.

M	11485	Mines, patio process, mixing	4	5	6	–	8
M	11486	Mines, patio process, mules treading	4	5	6	–	8
M	3986a	Mines, patio process, extracting silver	4	5	6	–	8
M	10501	Mines, silver reduction works	4	5	6	–	8
M	10502	Mines, silver mill, interior	4	5	6	–	8
M	11386	Mines, grinding silver ore	4	5	6	–	8
M	11387	Mines, smelter workers	4	5	6	–	8
M	11453	Mines, searching a miner	4	5	6	–	8

Newfoundland.

M	4993	Fisherman	4	5	6	–	8
M	4982	A catch	4	5	6	–	8

M	4978	Fishing settlement	4	5	6	–	8
M	4971	Drying fish	4	5	6	–	8
M	4972	Splitting fish	4	5	6	–	8
M	4973	Salting fish	4	5	6	–	8
M	4974	Liner entering narrows	–	5	6	–	8

Nicaragua.

K	12854	The picturesque city market	4	–	6	–	–
K	12831	Ferry, little San Juan river	4	–	6	–	–

Panama.

U	11536	A boom of mahogany logs and driftwood on the Wandea river	4	5	6	–	8
U	11537	Huge alligator shot by an American engineer on the banks of the Wandea river	4	5	6	–	–
U	11542	Produce boats in the harbor at Panama	–	5	6	–	–
U	11545	Busy life among the market boats in the harbor, Panama,	4	5	6	–	8

Porto Rico.

K	10252	Overlooking San Juan Harbor	4	5	6	–	–
K	10251	Native children at West Gate, San Juan	4	5	6	–	–
K	6252	View of city hall, San Juan	–	5	6	–	–
K	6253	Market day at San Juan, Porto Rico	4	5	6	–	–
K	10259	Cabin in a jungle	4	5	6	–	–
K	10256	Homes at Catano, Porto Rico	4	5	6	–	–

Sugar.

K	10272	Ox team hauling sugar cane, Porto Rico	4	5	6	–	8
K	10265	Taking time on a sugar plantation, Porto Rico	–	5	6	–	8
K	6988	Grinding sugar cane by hand, San Juan, Porto Rico	4	5	6	–	8
K	10264	Cutting sugar cane, Rio Pedro, Porto Rico	4	5	6	–	–

Cocoanuts.

K	10271	Gathering cocoanuts, San Turce, Porto Rico	4	5	6	–	8
K	10258	Natives in a cocoanut grove, Porto Rico	4	5	6	–	8

San Salvador.

K	12860	Tortilla-making, Salvador	4	–	6	–	–
K	12869	Youthful Izalco, the burning mountain, Salvador	4	–	6	–	–
K	12862	Newly arrived caravan of coffee-laden ox carts, La Union, Salvador	4	–	6	–	8

UNITED STATES.

Alabama.

D	019418	Iron mine, Red Mountain, Birmingham	–	5	–	–	8
D	019422	Sloss City furnaces	–	5	–	–	8
D	019423	Sloss City furnaces casting pig iron	–	5	–	–	8

D 013516	Bay Shell road and Mobile bay	4	5	6	–	–
D 019447	Cotton exchange, Mobile	4	5	–	–	8
D 019458	Tuskagee students	–	5	–	–	–
D 071780	Cotton docks, Mobile	–	5	–	–	8

Arkansas.

D 019468	Alum Spring and the Arlington	–	5	–	–	–
D 019475	Hot Springs No. 29	–	5	–	–	–
D 019474	"Happy Hollow"	–	5	–	–	–

Arizona.

K 13662	Rocky fortresses of nature's fashioning, Grand Canyon, Arizona	–	5	6	–	–
K 13519	The Grand Canyon, Arizona	–	5	6	–	–
D 014454	Grand Canyon across from O'Neill's Point	–	5	–	–	–
K 13515	In the petrified forest of Arizona	–	5	–	–	–
K 13522	Uncouth vegetable growths of the desert, Arizona	–	5	6	–	–
D 05706	Oraibi, Thanksgiving dance, Moki Pueblos	–	5	–	–	–
D 05711	Moki herdsmen	–	5	6	–	–
D 05703	Woman making pottery	–	5	6	–	8
D 05704	Old basket weaver and daughter	–	5	6	–	8
D 05709	Bringing in the harvest	–	5	6	–	8
D 011284	Petrified forest near Adamana	–	5	6	–	–
D 014402	Washington street, Phoenix	–	5	–	–	–

California.

K 5029	Looking up the valley, Yosemite Valley, California	–	5	6	–	–
K 43	Bridal Veil Falls, Yosemite Valley, California	–	5	6	–	–
K 5008	El Capitan and Merced river, Yosemite Valley, California,	–	5	6	–	–
K 382	Yosemite Falls, Yosemite Valley	–	5	6	–	–
K 13555	San Gabriel Mission, Southern California	–	5	–	–	–
K 13543	Marker between United States and Mexico	–	5	–	–	–
K 4316	Island of Santa Catalina	–	5	–	–	–
K 13533	Sea lions at home, Santa Catalina	–	5	–	–	–
K 4318	Seal rocks, Santa Catalina	–	5	–	–	–
K 9484	Emerging from the "Father of the Forest," Calaveras Grove	–	5	–	–	–
K 5015	Combined reaper and thresher, Joaquin Valley	–	5	–	–	8
K 4307	The date plant	–	5	–	–	8
K 13548	Irrigation from the great mountain reservoir	–	5	6	–	8
K 4300	Orange blossoms and fruit, Los Angeles	–	5	–	–	–
K 13546	More than ten thousand acres of navel oranges, San Gabriel	–	5	–	–	8
K 9473	A California freight wagon	–	5	–	–	8
D 014018	Raisin drying racks, Fresno	–	5	–	–	8
D 014020	A vineyard, Fresno	–	5	–	–	8
D 011181	Alfalfa field, Belle View	–	5	6	–	8
D 011184	Artesian well, Belle View	–	5	6	–	8
D 011007	Palm avenue, Los Angeles	–	5	–	–	–

D	07713	Century plant in bloom, Los Angeles	–	5	–	– –
K	4312	Ostrich farm, Pasadena	–	5	–	– 8
K	13526	Nesting time on the Cawston ostrich farm, Pasadena	–	5	–	– 8
K	13527	The male and female ostrich changing shifts, Pasadena,	–	5	–	– –
K	13528	Just out, baby ostriches, Pasadena	–	5	–	– 8
K	13530	Plucking the ostrich, Pasadena	–	5	–	– 8
D	014417	Orange blossoms	–	5	–	– 8
D	07733	Orange grove	–	5	–	– 8
D	07728	Orange picker	–	5	–	– 8
D	011077	Packing oranges	–	5	–	– 8
D	07722	Poppies	–	5	–	– –
D	06443	Roses	–	5	–	– –
D	015012	Redlands. General view from Smiley's Heights	–	5	–	– 8
D	011087	Almond trees in blossom, Riverside	–	5	–	– 8
D	011094	Lemon trees	–	5	–	– 8
D	014171	Pepper trees	–	5	–	– 8
D	011093	Pomolos (grape fruit)	–	5	–	– 8
D	011088	Prune trees in blossom	–	5	–	– 8
K	4314	Spring street, Los Angeles	–	5	–	– –
K	9340	Golden Gate, San Francisco, Cal.	–	5	6	– –
D	011629	Japanese tea garden, San Francisco, Cal.	–	5	–	– –
D	06370	Cypress tree, Carmel bay, Monterey, Cal.	–	5	–	– 8
D	017475	Geraniums, California	–	5	–	– –
D	08748	Yucca cacti, Hesperia, Cal.	–	5	–	– –
D	07719	San Gabriel Valley, cactus grove, California	–	5	–	– –
D	06393	Olive trees, Cooper Canyon, Santa Barbara, Cal.	–	5	–	– 8
D	011155	Acacia trees, California	–	5	–	– 8

Colorado.

K	2421	Bird's-eye view of Denver, Colo.	–	5	–	– –
K	13572	Canyon of the Grand, Colorado	–	5	6	– –
K	8001	Silverton and Ouray toll road, Colorado	–	5	–	– –
K	8007	Grand Canyon of the Arkansas, Colorado	–	5	6	– –
K	11651	Keystone Peak from Gray's Peak, continental divide, Colorado	–	5	6	– –
K	8077	Uncompahgre Canyon, Colorado	–	5	6	– –
K	11655	Highest railroad on earth, Pike's Peak, Colorado	–	5	–	– –
K	2367	"The Loop," Georgetown, Colo.	–	5	6	– –
K	2427	Summit, Pike's Peak, Colorado	–	5	6	– –
K	9481	Palace of the cliff dwellers of the Mesa Verde, Colorado	–	5	6	– –
K	8014	Cliff palace of the Mesa Verde, Colorado	–	5	6	– –
D	012378	Pike's Peak, Colorado	–	5	6	– –
D	019528	View of snow-capped mountains from Pike's Peak, Colorado	–	5	6	– –
D	02526	Cripple Creek, Colo. General view	–	5	–	– –
D	04080	Panorama from Capitol looking east up Sherman avenue, Denver, Colo.	–	5	–	– –
D	02170	Garden of the Gods, the Gateway and Pike's Peak, Colorado	–	5	6	– –
D	02152	Cathedral spires, Garden of the Gods, Colorado	–	5	6	– –

D	02167	Mushroom rocks, Garden of the Gods, Colorado	–	5	6	–	–
D	02714	Snow sheds at summit, Marshall Pass, Colorado	–	5	6	–	–
D	02712	View from west side, Marshall Pass, Colorado	–	5	–	–	–
D	03899	Pueblo, Colo. General view	–	5	–	–	–
D	013805	Royal Gorge, Colorado. General view	–	5	6	–	–
D	02387	American smelter, Leadville, Colo.	–	5	–	–	8
D	02389	Silver bullion, Leadville, Colo.	–	5	–	–	8
D	02484	Hanging Rock cut, Ute Pass, Colorado	–	5	–	–	–
D	07036	Irrigation from flume, Platte Canyon, Colorado	–	5	6	–	8
D	013794	A prospector, Colorado	–	5	–	–	8

Gold.

K	8081	Gold miners and their friends	–	5	–	–	8
K	9303	Searching for gold quartz	–	5	6	–	8
K	8013	Lake Columbine, Needle Mountain	–	5	–	–	8
K	8010	Burro supply train starting up the mountain	–	5	–	–	8
K	20041	Driving a cross cut, Needle Mountain	–	5	–	–	8
K	9301	In the mine, Black Hawk Canyon, Colorado	–	5	–	–	8
K	8080	Stamp mill and gold concentrator, Ouray, Colo.	–	5	–	–	8
K	8066	Typical gold miner's cabin, Colorado	–	5	–	–	8

Connecticut.

D	018033	Main street and City Hall, Hartford	–	5	–	–	–
D	019172	State House, Hartford	–	5	–	–	–
D	014389	Old Library and Quadrangle, Yale College, New Haven	–	5	–	–	–

Delaware.

K	6952	Gathering peaches, Delaware	–	5	–	–	8

District of Columbia.

Washington, D. C.

K	241	Bird's-eye view of Washington, looking down Pennsylvania avenue from the Capitol	–	5	–	–	8
K	444	14th street circle, Washington	–	5	–	–	–
K	437	Washington National Monument	–	5	–	–	–
K	2496	United States Capitol, Washington	–	5	–	–	8
K	312	Capitol, Senate chamber, Washington	–	5	–	–	8
K	459	Capitol, Congressional chamber, Washington	–	5	–	–	8
K	8046	Congressional Library	–	5	–	–	8
K	13605	South corridor, Congressional Library	–	5	–	–	8
K	13604	Stairway vista, lower corridor, Congressional Library	–	5	–	–	8
K	8042	Congressional Library, interior view	–	5	–	–	8
K	2497	Patent Office and Pension Building	–	5	–	–	8
K	189	Pension Building, inaugural ballroom	–	5	–	–	8
K	465	State, War, and Navy Building, Washington	–	5	–	–	8
K	8057	United States Treasury Building	–	5	–	–	8
K	317	White House, Washington, south front	–	5	–	–	8
K	13610	Remodeled corridor in White House	–	5	–	–	8
K	13611	New east room, White House	–	5	–	–	8
K	13615	New red room, White House	–	5	–	–	8
K	13616	State dining room, White House	–	5	–	–	8

K	13606	The President's office	–	5	–	–	8
K	218	National Soldiers' Home	–	5	–	–	8

Florida.

K	253	Fort Marion, Lookout Tower, St. Augustine	–	5	–	–	–
K	314	Old slave market, St. Augustine, Fla.	–	5	–	–	8
K	20110	The oldest house in St. Augustine, Fla.	–	5	–	–	–
K	6196	Poinciana Hotel, Palm Beach, Fla., the largest hotel in the world	–	5	–	–	–
K	13748	Alligators, Palm Beach, Fla.	4	5	–	–	–
K	13750	Crocodiles, Palm Beach, Fla.	4	5	–	–	8
K	9160	Fort Taylor, Key West, Fla.	4	5	–	–	–
K	6209	The Everglades, Florida	–	5	6	–	–
D	09108	Hotel Ponce de Leon	–	5	–	–	–
D	03687	Tall pines draped in moss, Seville	–	5	–	–	–

Pineapples.

K	6175	A field of growing pineapples	4	5	–	–	8
K	6176	A pineapple plant	4	5	–	–	8
K	13738	Pineapple plantation, cutting pineapples, showing protection to arms	4	5	–	–	8
K	13740	Harvesting India river pineapples	–	5	–	–	8
K	6173	Loading pineapples on motor flat car	–	5	–	–	8
K	20116	Wrapping and boxing pineapples	–	5	–	–	8
K	6174	Shipping pineapples to the north	–	5	–	–	8

Bananas.

K	227	Banana plant, Lake Worth, Florida	4	5	–	–	8

Cocoanuts.

K	246	Cocoanut grove, Lake Worth, Florida	–	5	–	–	8
K	277	Cocoanut tree, Lake Worth, Florida	–	5	–	–	8
K	278	Harvesting cocoanuts, Lake Worth, Florida	–	5	–	–	8

Varied Industries.

K	9142	Shipping green turtles, Key West	–	5	–	–	8
K	9175	Sponge market, Key West	–	5	6	–	8
K	256	Picking oranges, Rockledge, Fla.	–	5	6	–	8
K	237	Banyan tree, Palm Beach, Fla.	–	5	6	–	–

Georgia.

D	016445	King Cotton Mills, Atlanta	4	5	–	–	8
K	8049	Cotton plantation, Rome, Ga.	4	5	–	–	8
K	6194	Along the wharf of Savannah river, Savannah, Ga.	4	5	–	–	8
D	017697	Loading cotton on steamer, Savannah	4	5	–	–	8

Rice. (See South Carolina.)

K	20012	Large stones for hulling rice, Savannah, Ga.	4	5	–	–	8
K	20013	Pounding rice through mortars, Georgia	4	5	–	–	8

K	20014	Polishing rice, Savannah, Ga.	4	5	–	–	8
K	20123	Brushing rice, Savannah, Ga.	4	5	–	–	8

Idaho.

D	07301	Natural bridge at Shoshone Falls		5	–	–	–
D	09064	General view of lake, Pend d'Oreille lake	–	5	–	–	–
M	17141	Ranch scene on St. Joe river	4	5	–	–	8
M	17160	United States troops entering Fort Sherman	–	5	–	–	8
M	17229	Mining at Burke, Coeur d'Alene	–	5	–	–	8
M	17235	Laclare ranch, Pend d'Oreille	4	5	–	–	8
M	3441	Shoshone Falls from below	–	5	–	–	–
M	17171	Steamboating under difficulties	–	5	–	–	8
M	17220	Wolf Lodge ranch	4	5	–	–	8

Illinois.

D	013267	Lincoln Monument, Jackson Park, Chicago	–	5	–	–	–
D	012410	Lake Shore drive, Chicago	–	5	–	–	–
D	012544	Lake-front from Illinois Central Station, Chicago	–	5	–	–	–
K	6072	Bird's-eye view of Chicago	–	5	–	–	–
D	013271	University of Chicago	–	5	–	–	–
K	2337	State street, Chicago, Ill.	–	5	–	–	–
K	9511	Grand staircase, Public Library, Chicago, Ill.	–	5	–	–	–
K	20117	Working on the dike, East St. Louis, Ill.	–	5	–	–	–
K	20118	Building dikes to protect the city from the flood, East St. Louis, Ill.	4	5	–	–	8
D	010912	Chicago Shipbuilding Company's plant	–	5	–	–	8
D	012932	Main shops	–	5	–	–	8
K	5075	Meat packing, bird's-eye view of Union Stock Yards, Chicago	4	5	–	–	8
K	2321	Texas cattle, Union Stock Yards, Chicago	–	5	–	–	8
K	2322	Packing house, cooling room for pork	–	5	–	–	8

Rye.

K	6407	Bundles of rye in the fields, Illinois	4	5	–	–	8
K	6408	Loading rye into the wagon, Illinois	4	5	–	–	8

Wheat.

K	6409	Threshing wheat, feeding the thresher	4	5	–	–	8
K	6410	On the stack, wheat thrashing	4	5	–	–	8
K	6403	Wheat streaming into wagons, showing patent apparatus for measuring grain	4	5	–	–	8

Oats.

K	6406	Oat field, view shows the prairie, Illinois	4	5	–	–	8
K	6399	Loading oats in the field, Illinois	4	5	–	–	8
K	6400	Threshing oats, general view, Illinois	4	5	–	–	8
K	6401	Pitching sheaves of oats to the thresher, Illinois	4	5	–	–	8
K	6404	Traction engine and thresher, Illinois	4	5	–	–	8
K	6411	The "town" elevator, Illinois	4	5	–	–	8
K	6429	Emptying the oats, interior of the "town" elevator, Illinois	4	5	–	–	8

Indiana.

D 017309	Meridan street, north from Washington street, Indianapolis	–	5	–	–	–
D 017308	Washington street, east from Meridan street, Indianapolis	–	5	–	–	–
D 014802	Wabash river, from Tecumseh's trail	4	5	6	–	–

Iowa.

D 04586	Palisades-Bluffs near hotel, Cedar river	–	5	6	–	–
D 04597	Mississippi valley, from Joyce's Park, Clinton	4	5	–	–	–
D 013748	Down the Des Moines river	4	5	–	–	–
M 97	Cutting down corn with self-binder	4	5	–	–	8
M 1355	Automobile mower	4	5	–	–	8
M 19225	Kingsley, effect of a cyclone	4	5	6	–	–

Kentucky.

D 010997	The levee, Louisville	4	5	6	–	–

Tobacco.

K 20093	Cutting tobacco, Kentucky	4	5	–	–	8
K 20094	"Hooking up," taking green tobacco to the drying sheds,	4	5	–	–	8
K 20097	Tobacco drying, Kentucky	4	5	–	–	8

Louisiana.

D 016351	Floating dry dock, Algiers	–	5	–	–	8
D 01559	Cane fields, Burnside	4	5	6	–	8
D 019300	Audubon place, avenue of live oaks, New Orleans	–	5	–	–	–
D 05744	Jackson square and St. Louis Cathedral, New Orleans	–	5	–	–	–
D 016344	Mule teams on levee	4	5	6	–	8
D 05771	Mardi Gras, procession on Canal street	4	5	–	–	–
D 010118	New Orleans from Algiers	4	5	–	–	–
K 12479	Cotton on the levee, New Orleans	4	5	6	–	8

Maine.

D 012472	Portland and harbor	–	5	6	–	–
D 012475	Longfellow's birthplace, Portland	–	5	–	–	8
D 018923	Longfellow's home, Portland	–	5	–	–	8
D 016152	Portland Head Light	–	5	6	–	–
D 017740	Bailey's Island, Giant's Stairs	4	5	6	–	–
D 012456	Kennebunk Beach	–	5	6	–	–
D 013933	Bar Harbor, from Great Hill	4	5	–	–	–
D 013931	Navy yard, Kittery	–	5	–	–	8
D 013943	Great Head, highest cliff on Atlantic coast	4	5	6	–	–
D 013952	Surf at Great Head, Mt. Desert	–	5	6	–	–
D 013947	The ovens, Mt. Desert	–	5	6	–	–
D 016977	Old Orchard, bird's-eye view	–	5	6	–	–
D 012467	The beach, Old Orchard	–	5	6	–	–
D 015075	Poland Spring Hotel. General view	–	5	–	–	–

Lumber. (See Washington and Oregon.)

K 12260	Landing logs, Aroostook woods	–	5	6	–	8

Maryland.

D 016573	Artillery drill, Naval Academy	4	5	–	–	–
D 021372	Cadets drilling, Naval Academy	4	5	–	–	–
D 021375	Presenting the colors, Naval Academy	4	5	–	–	–
D 019139	Sunset off Fort McHenry, Baltimore	4	5	–	–	–
D 019122	Light street, looking north, Baltimore	–	5	–	–	–
D 014266	The Cathedral, Baltimore	–	5	–	–	–
D 018501	Steamers along the pier, Baltimore	–	5	–	–	8
D 016563	Cumberland Valley	4	5	–	–	8
D 01848	Gettysburg Gap	4	5	–	–	8
D 016566	Chesapeake and Ohio Canal	–	5	–	–	8
D 014121	A scene on the Potomac river	–	5	–	–	–

Oyster Fishing and Canning.

K 6871	Oyster tongers fishing from stern of boat, Chesapeake bay, Maryland	4	5	–	–	8
K 6873	"Boarding" the tongs, Chesapeake bay, Maryland	–	5	–	–	8
K 6874	Culling the oysters, Chesapeake bay, Maryland	–	5	–	–	8
K 6875	Oyster sailboat in harbor, Baltimore, Md.	–	5	–	–	8
K 6876	Pratt street oyster wharf, Baltimore, Md.	–	5	–	–	8
K 6777	Marketing oysters in mid-bay, Chesapeake bay, Maryland,	4	5	–	–	8
K 6889	Huts of oyster fishermen	4	5	–	–	8
K 6891	Dredging oysters from sailing craft	–	5	–	–	8
K 6886	Tipping cans, canning factory, Baltimore, Md.	–	5	–	–	8
K 6881	Shucking oysters, canning factory, Baltimore, Md.	–	5	–	–	8

Massachusetts.

D 019109	View of Greylock	4	5	–	–	–
D 019105	A roadway in autumn	4	5	–	–	–
M 19107	Berkshire Hills	4	5	6	–	–
D 019618	City Hall, Boston	4	5	–	–	8
D 017036	Chamber of Commerce, Boston	4	5	–	–	8
D 017058	Cathedral of the Holy Cross	4	5	–	–	–
D 011333	Frog pond	4	5	–	–	–
D 022214	Fireboat No. 44, in action	4	5	–	–	–
D 018915	Boston Light	4	5	6	–	–
D 022215	Five-masted schooner	4	5	–	–	8
D 011970	Home of Paul Revere	4	5	–	–	–
D 022299	Steamship "Ivernia" (Cunard Line), outward bound	4	5	–	–	8
W 12813	Staircase, Public Library	4	5	–	–	8
D 018778	The wharves	4	5	–	–	8
D 022186	Charlestown Navy Yard, largest dry dock in the country (showing stern of United States steamship "Maryland"),	4	5	–	–	8
M 17764	Paper mills, Holyoke	4	5	6	–	8
M 17766	Dam, Holyoke	4	5	6	–	–
M 16680	Cotton mill, opening, Lowell	4	5	–	–	8

D 018807	Handling a cargo from the fishing banks, Gloucester	4	5	6	–	8
D 018882	Drying fish	4	5	6	–	8
D 018016	Cape Ann, fisherman and dory	4	5	6	–	8
K 9433	Boston, looking from State Capitol	4	5	–	–	–
K 11685	State street, Old State House in distance	4	5	–	–	–
K 6180	Boston, Quincy Market and Faneuil Hall	4	5	–	–	8
K 11681	Bird's-eye view of "T" wharf, Boston	4	5	–	–	8
K 6165	"Old Constitution," training ship	4	5	6	7	8
W 12802	Washington street, showing Old South Meeting House	4	5	–	7	8
K 6172	Old North Church	4	5	–	7	–
K 11687	Old State House	4	5	–	7	–
K 11684	Boston Fire Department	4	5	–	–	8
K 9444	Bunker Hill Monument	4	5	–	7	–
K 6221	Washington Elm, Cambridge	4	5	–	7	–
K 6181	Harvard College	4	5	–	-	–
D 011348	Harvard University, Memorial Hall	4	5	–	–	–
K 11686	Longfellow's home, Cambridge	4	5	–	7	8
K 6802	Capt. John Parker's statue, Lexington	4	5	–	7	–
K 11680	Lexington Common, Lexington	4	5	–	7	–
K 6182	Monument to Minute Men, Concord	4	5	–	7	–
M 16642	Burial Hill, Plymouth	–	5	–	7	–
D 013075	Monument to forefathers, Plymouth	4	5	–	7	–
D 017774	Mt. Tom, Connecticut river and Holyoke, from Mt. Park,	4	5	–	–	–
D 018304	A bit of New England coast, Marblehead	4	5	6	–	–
D 018887	Yacht Club fleet, Marblehead	4	5	6	–	–
D 013665	Nantasket Beach. General view	4	5	6	–	–
D 016143	Colored cliffs off Gay Head, Martha's Vineyard	4	5	6	–	–
D 018048	Springfield, Main street	–	5	–	–	–
D 011882	Waverley, the Oaks	4	5	–	–	–
D 018889	Worcester, the main street	–	5	–	–	–
D 011894	Sudbury, Wayside Inn	4	5	–	7	8

Michigan.

D 07336	Capitol square, Detroit	–	5	–	–	–
D 017283	Children's playground, Detroit	4	5	–	–	–
D 016717	Canoeing at Belle Isle	4	5	–	–	–
K 6730	Party ready to shoot St. Mary's Rapids, Sault Ste. Marie, Mich.	4	5	6	–	–
D 019051	"Just Up" Hecla Shaft No. 2, Calumet	–	5	–	–	8
D 012289	United States life saving station, Charlevoix	4	5	–	–	–
D 03787	Gitchie Manitou, Mackinac Island	–	5	–	–	–
D 012664	Old block house, Mackinac Island	–	5	–	–	–
D 04764	The drive at Presque Isle	–	5	6	–	–
D 04760	Pulpit rock, Presque Isle	–	5	6	–	–

Minnesota.

D 019190	St. Anthony's Falls and milling district	4	5	–	–	8
D 014785	Superior street, Minneapolis	–	5	–	–	–
D 04682	Indian mounds, St. Paul	–	5	–	–	–

D	04512	A sawmill plant, Winona	–	5	–	–	–
K	6981	South pier, United States ship canal, Duluth, Minn.	4	5	–	–	8

Iron Ore Mining.

K	6962	Morris open pit mine, Messabe Range, Minnesota	–	5	–	–	–
K	6961	Drilling for a blast, Morris mine, Messabe Range, Minnesota	4	5	–	–	8
K	6964	Steam shovel at work, Burt mine, Messabe Range, Minnesota	4	5	–	–	8
K	6969	The scoop being dumped, Burt mine, Messabe Range, Minnesota	4	5	–	–	8
K	6970	Webb shaft house, Messabe Range, Minnesota	–	5	–	–	8
K	6971	Typical iron ore underground miner, Minnesota	4	5	–	–	8
K	6960	Stripping off the surface dirt covering the Morris open pit mine, Messabe Range, Minnesota	4	5	–	–	8

Iron Ore Transportation.

K	6975	Ore cars ready for the dock in railroad yards, Two Harbors, Minn.	–	5	–	–	8
K	6977	"Poling" down iron ore, Two Harbors, Minn.	–	5	–	–	8

Mississippi.

D	01565	Natchez. The town and Mississippi river	4	5	6	7	8
D	05772	Vicksburg, from Fort Hill	–	5	–	–	–
D	019396	Mississippi river packet "Belle of the Bends"	–	5	6	–	8
D	010570	General view, Pass Christian	–	5	–	–	–
D	04056	Cypress swamp	–	5	6	–	8

Missouri.

M	19113	Effect of a cyclone	4	5	6	–	–
M	763	Steamer on the Mississippi	4	5	6	–	8
M	761	Panorama of St. Louis	4	5	–	–	–
K	6070	Union Station, St. Louis, Mo.	–	5	–	–	–
K	13214	Deluged east bottoms from Cliff Drive, Kansas City, Mo.	4	5	6	–	–
K	9518	The magnificent Eads Bridge, St. Louis	–	5	6	–	8
D	014485	Boats along the levee	4	5	6	–	8
D	071825	Stock yards, Kansas City	4	5	–	–	8

Montana.

Indians.

D	019500	Nosey, medicine man of the Assinaboines; Two Boys — leader of the Fool Dance	4	5	–	–	–
D	019501	Assinaboines	4	5	–	–	–

Sheep Raising.

K	6158	Sheep, near view, Montana	4	5	–	–	8
K	13647	The shepherd and his feeding flock, Montana	4	5	–	–	8
K	13646	Three thousand sheep astray on the Montana range	4	5	–	–	8

K	20062	Flock of sheep ready to be shipped, Montana	4	5	–	–	8
K	20060	Sheep pens, Montana	4	5	–	–	8
K	13650	Lone shepherd and his best friend	4	5	–	–	8
K	11408	Feeding the little orphan, showing a very young lamb	4	5	–	–	8
K	13648	Sea of wool, Montana	4	5	–	–	8

Cattle Raising.

K	13642	A cattle range on Montana	4	5	–	–	8
K	13644	Shipping beef to the Chicago market, Montana	4	5	–	–	8
K	13643	Cowboys on the range, an autumn beef round-up, Montana	4	5	–	–	8
K	13641	Cowboy, broncho corral and camps, banks of the Yellowstone, Montana	4	5	–	–	8

Animals.

K	12269	Snap shot of a wild elk, Montana	4	5	–	–	–

Copper.

K	13639	Anaconda Hill, Butte, Mont. Richest hill in the world	4	5	6	–	8
K	13638	Copper smelters and mines, Butte, Mont.	4	5	6	–	8

Nebraska.

D	011458	Crawford Buttes	–	5	6	–	–

Beet Sugar.

M	1260	Beet field	4	5	–	–	8
M	1261	Beet cultivating	4	5	–	–	8
M	1262	Beet trimming and weeding	4	5	–	–	8
M	1263	Beet hoeing	4	5	–	–	8
M	1264	Beet harvesting	4	5	–	–	8
M	1265	Beet unloading from cars	4	5	–	–	8
M	1266	Beet sugar factory	4	5	–	–	8
M	1267	Beet sugar factory, main machinery room	4	5	–	–	8
M	1268	Beet sugar factory, filter presses	4	5	–	–	8
M	1269	Beet sugar factory, filter presses diffusion battery	4	5	–	–	8

Nevada.

M	976	Alkali desert	4	5	6	–	8

New Hampshire.

D	011737	Lake Sunapee, from Sunapee Mountain	4	5	–	–	–
D	012836	Connecticut river from Ledyard Bridge, Hanover	4	5	6	–	–
D	018928	Bird's-eye view, Lake Winnepesaukee	4	5	6	–	–
D	018936	The birches, Alton Bay	–	5	–	–	–
D	018948	The lake and Ossipee Range, Centre Harbor	–	5	–	–	–

White Mountains.

K	13715	Old Man of the Mountains from Profile lake	4	5	–	–	–
K	6227	Famous Crawford Notch, showing Crawford House, White Mountains	4	5	6	–	–

K	13711	Across the Great Gulf from the top of Mt. Washington	4	5	–	–	–
K	13712	From Mt. Washington, looking north	4	5	–	–	–
D	013978	From Mt. Agassiz, Bethlehem	4	5	–	–	–
D	011773	The Flume — looking up, Franconia Notch	4	5	6	–	–

Granite.

K	6156	Drilling preparatory to splitting, Concord, N. H.	–	5	–	–	8

Marble.

K	13701	Marble quarry	4	5	–	–	8
K	13702	Drilling marble in quarry	4	5	–	–	8
K	20002	Underground marble quarry. Steam drills in operation	4	5	–	–	8
K	13703	Marble being hoisted from quarry	4	5	–	–	8
K	13705	Marble being sawed	4	5	–	–	8
K	13706	Chiseling marble	4	5	–	–	8

New Jersey.

M	481	Bayonne, oil tank fire	–	5	–	–	8
D	09127	General view of Atlantic City	–	5	–	–	–
M	426	Passaic Falls, Paterson	–	5	6	–	8
M	16900	Silk mill, first process from raw material, Paterson	4	5	–	–	8
M	16903	Silk mill, setting a warp, hand power, Paterson	4	5	6	–	8
M	436	Telegraph station, Sandy Hook	–	5	6	–	8
M	437	Steam fog horns, Sandy Hook	–	5	6	–	8
M	438	Main lighthouse, Sandy Hook	–	5	6	–	8
M	440	10-inch and 12-inch guns, Sandy Hook	–	5	–	–	8
M	442	A 1,000-pound shot, Sandy Hook	–	5	–	–	8
M	443	12-inch mortar, Sandy Hook	–	5	–	–	8

New Mexico.

Pueblos.

D	011302	Father and daughter	4	5	–	–	–
D	08241	Showing Pueblo of Acoma	4	5	–	–	–
D	082	Cart and plow	4	5	–	–	–
D	08208	Caves of the cliff dwellers	4	5	6	–	–
M	3355	Zuni war dance	4	5	–	–	–
M	10593	A panorama, Santa Fe	–	5	–	–	–
M	40353	Women of Acoma, Pueblo	4	5	–	–	–

New York.

D	014888	An Adirondack camp	–	5	–	–	–
D	014886	An Adirondack carry	–	5	–	–	–
D	014890	An Adirondack mountain path	–	5	–	–	–
D	014889	An Adirondack mountain stream	–	5	–	–	–
D	016835	An Adirondack stage	–	5	–	–	–
D	016813	Old forge dam	–	5	6	–	–
D	016831	Hunting in the Adirondacks	4	5	–	–	–
D	014990	Point Lookout	–	5	–		–
D	016830	A morning catch	–	5	–	–	–

D 014532	A Catskill mountain road	–	5	–	–	–
D 021249	Torpedo boats — Brooklyn Navy Yard	–	5	–	–	–
D 011470	River and elevators, Buffalo	–	5	–	–	8
D 012929	Unloading ore and loading coal at Lackawanna docks, Buffalo	–	5	–	–	8
D 014529	Sleepy Hollow, home of Rip Van Winkle	–	5	–	–	8
D 017195	Fort Ticonderoga, the ruins, general view	–	5	–	7	–
D 018450	Steamship "Deutschland," Hoboken	–	5	–	–	8
D 019568	Palisades, Hudson river	4	5	6	–	8
D 13508	Looking up the Hudson from West Point	4	5	6	–	–
K 12456	Hudson River Valley, New York	–	5	6	–	–
K 12461	Under Rainbow Falls, Watkins Glen, New York	–	5	6	–	–
K 12460	Artist's Dream, Watkins Glen, New York	–	5	6	–	–

Niagara Falls.

K 138	Niagara river above the falls by moonlight	4	5	6	–	8
K 149	American Falls	4	5	–	–	8
K 417	Niagara Falls, wonder of the western world	4	5	6	–	8
K 9308	Niagara Falls and great steel arch bridge	4	5	–	–	8
K 4225	Whirlpool Rapids, Niagara Falls	4	5	6	–	8
K 9309	The "Maid of the Mist"	4	5	–	–	8
K 8088	The "Gorge Route," Niagara Falls	4	5	6	–	8
K 146	A winter morning, Luna Island, Niagara Falls	4	5	6	–	8
K 1029	Niagara Falls (winter), from above	4	5	–	–	8
K 9556	Niagara Falls from the new arch bridge	4	5	6	–	8

New York City.

K 1009	Wall street, New York City	4	5	–	–	8
K 13500	City Hall and World Building, New York City	4	5	–	–	–
K 13503	Looking south on Broadway, showing post office and Call Building, New York City	4	5	–	–	–
K 2471	The Bowery, New York City	4	5	–	–	–
K 13502	Looking north on Broadway, New York City	4	5	–	–	–
K 574	Shipping, New York Harbor	4	5	6	–	8
K 20405	Fish and oyster boats, East river, New York City	4	5	–	–	8
K 20104	Ferryboats on North river, New York City	4	5	–	–	–
K 904	Statue of Liberty, New York Harbor	4	5	6	–	–
K 6188	The "East Side," New York City	4	5	–	–	–
K 6187	View of Speedway, New York City	4	5	–	–	–
K 6189	Brooklyn Bridge	4	5	–	–	–
K 2405	Brooklyn Bridge from below	4	5	–	–	–
D 072676	Bird's-eye view of Pennsylvania Station	4	5	–	–	8
K 907	Brooklyn Bridge, showing roadway, cable road, and promenade	4	5	–	–	–
K 4211	St Patrick's Cathedral, New York City	4	5	–	–	–
K 9370	General Grant's Tomb, Riverside Park, New York City	4	5	–	–	–
K 6313	View of West Point from across the river	4	5	–	–	–
D 018687	West Point — Passing in review	4	5	–	–	–
D 018698	West Point horse battery, "Mounting"	4	5	–	–	–
D 6837	View of Erie Canal	4	5	6	–	8

K	6838	Canal boat approaching locks, Lockport, N. Y.	4	5	–	–	8
K	6841	Boat entering the lowest lock, Lockport, N. Y.	4	5	6	–	8
K	6843	Lock filled, boat lifted — Erie Canal, Lockport, N. Y.	4	5	6	–	8
K	6845	Filling the lock with water, Erie Canal, Lockport, N. Y.	4	5	6	–	8
K	6846	Empty lock showing gates, Erie Canal, Lockport, N. Y.	4	5	6	–	8
K	6851	Operating windlass and levers at gate, Erie Canal, Lockport, N. Y.	4	5	6	–	8

Buttons.

K	6767	Sorting room, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6768	Cutting room, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6769	One sawer at work, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6770	Picking room, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6771	Turning lathe, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6772	The "riddle" which sifts the buttons from the pieces, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6773	Drilling machine, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6774	Laying buttons and spraying on the colors, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6775	Dyeing room, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6776	Drum and polishing room, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6777	Press machines, button factory, Warsaw, N. Y.	–	5	–	–	8
K	6778	Carding room, button factory, Warsaw, N. Y.	–	5	–	–	8

Cheese.

K	6667	Vats in which milk is put to be warmed and the rennet put into it to coagulate the casein, East Aurora, N. Y.	–	5	–	–	8
K	6669	Curds blocked by hand into chunks or bricks and fed into a grinding machine, East Aurora, N. Y.	–	5	–	–	8
K	6670	Filling the hops with chopped curds, East Aurora, N. Y.	–	5	–	–	8
K	6671	Presses of a cheese factory, East Aurora, N. Y.	–	5	–	–	8
K	6672	Curing room of a cheese factory, weighing the cheese and marketing the box, East Aurora, N. Y.	–	5	–	–	8
K	6675	Loading a case with cheese for shipment from East Aurora, N. Y.	–	5	–	–	8

Fruit.

K	11627	In a New York vineyard	–	5	6	–	8
K	11437	An apple orchard in blossom, New York	–	5	6	–	–

Truck Farming.

K	6707	Farmhouse of truck farm, near Buffalo, N. Y.	–	5	–	–	–
K	6708	Picking and loading cantaloupes, near Buffalo	–	5	–	–	–
K	6709	Cabbage patch	–	5	–	–	–
K	6710	Beds of lettuce, young man with wheeled hoe, girls with common hoe	–	5	–	–	–
K	6711	Celery beds, girls hoeing	–	5	–	–	–

K	6712	Gathering egg-plants, hothouse and residence in background, near Buffalo, N. Y.	–	5	–	–	8
K	6713	Patch of beans, near Buffalo, N. Y.	–	5	–	–	8
K	6714	Potato patch, near Buffalo, N. Y.	–	5	–	–	8
K	6715	Harvesting onions, near Buffalo, N. Y.	–	5	–	–	8
K	6716	Harvesting potatoes, near Buffalo, N. Y.	–	5	–	–	8
K	6717	Picking tomatoes, near Buffalo, N. Y.	–	5	–	–	8
K	6718	Preparing for market, interior of fruit shed, near Buffalo, N. Y.	–	5	–	–	8
K	6719	Loading wagon from fruit shed, truck farm, near Buffalo, N. Y.	–	5	–	–	8
K	6720	Off for the market, near Buffalo, N. Y.	–	5	–	–	8

Dairying.

K	6198	Milking cows, Briarcliff Farms, near New York City	–	5	–	–	8
K	6199	Filling bottles, Briarcliff Farms, near New York City	–	5	–	–	8
K	6200	Boxing bottles, Briarcliff Farms, ready to ship to New York City	–	5	–	–	8
K	6203	Washing bottles, Briarcliff Farms, near New York City	–	5	–	–	8
K	6201	Separator at work, Briarcliff Farms, near New York City	–	5	–	–	8
K	6202	Working the salt into the butter, Briarcliff Farms, near New York City	–	5	–	–	8

Butter.

K	6658	Weighing milk and taking sample for testing in acid for butter fat, East Aurora, N. Y.	–	5	–	–	8
K	6659	Babcock machine for testing milk, East Aurora, N. Y.	–	5	–	–	8
K	6660	Heater which pumps milk from tank through heater to get it at the proper temperature for the separator, East Aurora, N. Y.	–	5	–	–	8
K	6662	Pasteurizer in a creamery, East Aurora, N. Y.	–	5	–	–	8
K	6664	The great churn which makes 800 pounds of butter at a time, East Aurora, N. Y.	–	5	–	–	8

North Carolina.

D	014358	Blue Ridge from Mt. Toxaway, N. C.	–	5	6	–	–
K	13745	Round Knob Valley, from Mt. St. Bernard, N. C.	–	5	–	–	–
K	13752	Sapphire country, looking north from Mt. Toxaway, N. C.,	–	5	–	–	–
K	6211	Mt. Mitchell, N. C.	4	5	6	–	–
K	13743	Bird's-eye view of Asheville, N. C.	–	5	–	–	–
K	014373	A mountain clearing	–	5	–	–	–
D	014371	A mountain home	–	5	–	–	–
D	014372	A mountain road	–	5	–	–	–
K	6193	Mountaineer's home near Graphiteville, N. C.	–	5	–	–	–
K	6310	Typical mountain schoolhouse, Blue Ridge Mountains	4	5	–	–	–

Turpentine.

K	6161	Gashing the tree	–	5	–	–	8
K	20124	Clear stream of turpentine pouring into barrels	–	5	–	–	8

K	20095	Government inspectors inspecting turpentine	–	5	–	–	8
K	20125	Turning out a charge of resin from the distilling vat	–	5	–	–	8
K	20126	Dipping resin from vats into barrels	–	5	–	–	8
K	20096	Twenty thousand resin barrels on Savannah wharf	–	5	–	–	8
K	13747	Dippers and chippers at work	–	5	–	–	8
K	6208	Burning charcoal, mountains in western North Carolina, sapphire country	–	5	–	–	8

Ohio.

Maple Sugar. (See Vermont.)

K	13665	Tapping a sugar maple tree, Ohio	–	5	–	–	8
K	13666	Gathering the sap, Ohio	–	5	–	–	8
K	13667	Evaporating the sap, Ohio	–	5	–	–	8

Lake Traffic.

K	6702	Loading a king hoist in hold, showing pickmen at work, Conneaut, Ohio	–	5	–	–	8
K	6676	A Great Lakes ore carrier coming into harbor, Conneaut, Ohio	–	5	–	–	8
K	6681	Wide-open mouth of Hughlett hoist starting down into hold, showing operator, Conneaut, Ohio	–	5	–	–	8
K	6682	A twelve-ton bit, Hughlett clam shell hoist in vessel's hold, Conneaut, Ohio	–	5	–	–	8
K	6684	Deck uncovered and the great unloaders at work, Conneaut, Ohio	–	5	–	–	8
K	6695	A "whirler" passing ore back from unloaders, Conneaut, Ohio	–	5	–	–	8
K	6706	Dumping a whole car of coal into hopper to be poured into vessel's hold at rate of about 25 cars per hour, Conneaut, Ohio	–	5	–	–	8
K	01926	Oil fields, North Baltimore	–	5	–	–	8

Oregon.

K	13635	Mt. Hood	4	5	–	–	–
K	13632	Columbia river	4	5	–	–	–
K	9588	The Great Oregon caves — the ghost chamber	–	5	6	–	–
K	13630	Sand dunes along the Columbia, showing sand drifting across the railroad track	4	5	6	–	–
K	9066	Government reindeer en route for Alaska	–	5	–	–	–
K	13671	Picking strawberries in Oregon	–	5	–	–	8

Hops.

K	13790	Sixty-five acres of hops, Oregon	–	5	–	–	8
K	13791	A pole of choice hops, Oregon	–	5	–	–	8
K	13793	Pickers at work in an Oregon field	–	–	–	–	8

Mining.

K	13796	Hydraulic mining, Oregon	–	5	6	–	8

Salmon Fishing.

K	9334	Fishermen at home, Columbia river	–	5	–	–	–
K	20107	Fishing on the Columbia with dip nets	–	5	–	–	8
K	13627	Fish wheels, Columbia river	–	–	–	–	8
K	6177	Dragging in the nets with horses, Columbia river	–	5	–	–	8
K	6178	Nets near the shore — shows the splashing made by the fish	–	5	–	–	8
K	13674	Stowing away the nets on boats	–	5	–	–	8
K	13624	First haul of the season	–	5	–	–	8
K	13625	Butchering salmon, Astoria, Ore.	–	5	–	–	8
K	6179	Putting fish in cans, Columbia river	–	5	–	–	8
K	13623	Interior of salmon canning establishment, Astoria, Oregon,	–	5	–	–	8

Lumber. (See Maine and Washington.)

K	13819	Looking up a giant fir tree, Oregon	–	5	–	–	–
K	13568	A felled tree ready for the sawyers, Oregon	–	5	–	–	8
K	9333	Fluming lumber from the mountains, Oregon	–	5	–	–	8

Pennsylvania.

K	6343	Pittsburg's Bridge of Sighs	–	5	–	–	–
K	6339	View of Pittsburg, Pa	–	5	–	–	8
K	6342	Junction of the Alleghany and Monongahela rivers	–	5	–	–	–
K	6513	Westinghouse Electrical Works, East End, Pittsburg, Pa.,	–	5	–	–	8
K	6983	Independence Hall, Philadelphia, Pa	–	5	–	7	–
K	9648	Old Liberty Bell, Independence Hall, Philadelphia, Pa.	–	5	–	7	–
K	195	Culp's Hill, Gettysburg, Pa.	–	5	–	–	–
D	010720	The battlefield, Gettysburg, Pa.	–	5	–	–	8
D	016616	John Burns, the hero of Gettysburg	–	5	–	–	8
D	018562	Cramp's yard. Building a warship	–	5	–	–	8

Corn.

K	6731	Corn binder at work. Rear view showing twine box, Crawford County, Pa.	4	5	–	–	8
K	6732	Corn binder at work. Side view showing rows of bundles, Crawford County, Pa.	4	–	6	–	8

Grain.

K	6219	Oats growing, Pennsylvania	–	5	6	–	8
K	6216	Cutting wheat with cradle, Pennsylvania	4	5	–	–	8
K	6217	Cutting wheat with reaper and binder, Pennsylvania	4	5	–	–	8
K	6218	Sheaves of wheat in shocks, Pennsylvania	4	5	–	–	8

Coal, Anthracite.

K	20049	Miners going into the slope, Hazleton, Pa.	4	5	6	–	8
K	20043	Largest coal breakers in the United States, Hazleton, Pa.,	4	5	6	–	8
D	011589	Breaker boys, Woodward coal mines	4	5	6	–	8
K	20048	Stripping coal at Hazleton, Pa.	4	5	6	–	8
K	13204	Shipping coal after the strike	4	5	–	–	8
K	20042	Miner's children and houses, Hazleton, Pa.	4	5	–	–	8

K	7018	Outcropping of coal veins along bank of a stream	4	5	6	–	8
K	7019	Digging into edge of coal vein on hillside	4	5	6	–	8
K	7022	Miners coming up out of shaft on "cage"	4	5	–	–	8
K	7023	Conveyer line for carrying bird's-eye coal to bin	–	5	–	–	8
K	7024	Inside conveyer line which takes coal from shute at top of shaft up into the breaker	–	5	–	–	8
K	7026	Dumping car of coal in shute in breaker at top of shaft	4	5	–	–	8

Coal, Bituminous.

K	6534	Coal house, dumping coal down into screens, near Pittsburg, Pa.	4	5	–	–	8
K	6336	Coal barges lying below the fork of the Ohio river, Pittsburg, Pa.	4	5	–	–	8
K	6348	Ore and coke cars, Pittsburg, Pa.	–	5	–	–	8
K	6338	Collier on the Monongahela river	–	5	–	–	8

Coke, Modern Furnaces.

K	6514	Under a coal tank, showing coke ovens and their stacks, Pittsburg, Pa.	–	5	–	–	8
K	6517	A mountain of coke, coal tank beyond, Pittsburg, Pa.	–	5	–	–	8

Pig Iron, Old Method.

K	6322	Plant of blast furnace, Pittsburg, Pa.	–	5	–	–	8
K	6323	At the bottom of the charging incline, blast furnace, Pittsburg, Pa.	–	5	–	–	8
K	6324	The "hot-blast" stoves of a blast furnace, Pittsburg, Pa.,	–	5	–	–	8
K	6515	Stream of slag being granulated by water as it runs from the furnace, Pittsburg, Pa.	–	5	–	–	8
K	6325	Drawing off iron, blast furnace, Pittsburg, Pa.	–	5	–	–	8
K	6327	Making moulds for pig iron, Pittsburg, Pa.	–	5	–	–	8
K	6328	Running iron into moulds, Pittsburg, Pa.	–	5	–	–	8
K	6330	Covering the hot iron with sand, Pittsburg, Pa.	–	5	–	–	8
K	6331	Breaking up the bed, Pittsburg, Pa.	–	5	–	–	8
K	6333	Carrying away and loading the pigs, Pittsburg, Pa.	–	5	–	–	8

Pig Iron, New Method.

K	6524	Front view of ladle, emptying molten metal into pig-iron machine moulds, Pittsburg, Pa.	–	5	–	–	8
K	6531	Emptying the cooled pig iron from moulds into car, Pittsburg, Pa.	–	5	–	–	8

Steel.

K	6539	Modern steel plant along the Monongahela river	–	5	–	–	8
K	6416	Converter, steel works, Pittsburg, Pa.	–	5	–	–	8
K	6417	Running the charge into the converter, steel works, Pittsburg, Pa.	–	5	–	–	8
K	6418	Handling ladle full of molten steel with crane, Pittsburg, Pa.	–	5	–	–	8
K	6542	Operators at their levers handling converters and ladles, steel works, Pittsburg, Pa.	–	5	–	–	8

K 6424	Yard, showing moulds and traveling crane, steel works, Pittsburg, Pa.	–	5	–	–	8
K 6419	Pit furnace and ingot just removed, steel works, Pittsburg, Pa.	–	5	–	–	8
K 6420	Steel ingot on the "table" of the "blooming" mill, steel works, Pittsburg, Pa.	–	5	–	–	8
K 6421	Red hot steel beam from rolling process being cut into lengths by buzz saw, steel works, Pittsburg, Pa.	–	5	–	–	8
K 6422	Trip hammers, steel works, Pittsburg, Pa.	–	5	–	–	8

Rhode Island.

D 018031	Roger Williams Park. General view	–	5	–	–	–
D 019707	Gorham Manufacturing Company, Providence	–	5	–	–	8
D 016952	Bellevue avenue, Newport	–	5	–	–	–

South Carolina.

K 6206	Looking down Main street, showing State Capitol, Columbia, S. C.	–	5	–	–	–
K 010556	The Battery, Charleston	–	5	–	–	–

Rice.

K 6205	A view of South Carolina rice fields from Savannah, Ga.	4	5	–	–	8
K 20010	Flooding the rice fields, South Carolina	4	5	6	–	8
K 20011	Opening the flood gates, South Carolina	4	5	–	–	8
K 13751	Hoeing rice, South Carolina	4	5	–	–	8
K 13741	Cultivating rice, South Carolina	4	5	–	–	8

South Dakota.

D 011676	Little Bad Lands. Chalk Cliff "Cretacians."	–	5	6	–	–
D 04546	Harvesting on Benton farm	4	5	–	–	8
D 04555	Riverside stock farm	4	5	–	–	8
D 071649	Harvest scene, Brookings	4	5	–	–	8

Tennessee.

K 6213	Umbrella Rock, Lookout Mountain, Chattanooga, Tenn.,	4	5	6	–	–
M 12005	Tennessee river and Lookout Mountain	4	5	6	–	–
M 14295	Moccasin Bend	4	5	6	–	–
K 9012	Machine warping room, Nashville, Tenn.	–	5	–	–	8

Texas.

M 3341	El Paso, a panorama	–	5	–	–	–

Cattle Raising.

K 13758	Cattle ranch, Texas	4	5	–	–	8
K 13766	Cowboy's camp, mess wagon in the background, on a Texas cattle ranch	4	5	–	–	8
K 13756	"Making a drive," Paloduro, Tex.	4	5	–	–	8
K 12475	Round-up on the Sherman ranch, Texas	4	5	–	–	8

K	13757	Branding a calf, Texas	4	5	–	–	8
K	13754	Method of throwing a cow on Paloduro ranch, Texas	4	5	–	–	8

Cotton Growing.

K	6512	Plowing the field for cotton	4	5	–	–	8
K	6170	Cultivating cotton, Texas	4	5	–	–	8
K	6169	Hoeing cotton, Texas	4	5	–	–	8
K	6171	Picking cotton, Texas	4	5	–	–	8
K	13774	Weighing cotton, Texas	4	5	–	–	8
K	9508	Awaiting their turn at the cotton gin	4	5	–	–	8
K	20109	Cotton gin, Greenville, Tex.	4	5	–	–	8
K	10617	Awaiting the cotton buyers	4	5	–	–	8
K	13776	Shipping cotton, showing bale of cotton which has been subjected to press	4	5	–	–	8
K	6509	Cotton pickers' quarters	4	5	–	–	8

Cotton Manufacture.

K	13777	Openers, first process of manufacturing cotton	4	5	–	–	8
K	13779	Carding cotton, Texas	–	5	6	–	8
K	13778	Cards for carding cotton	–	5	6	–	8
K	13783	Spooling yarn, Dallas, Tex.	–	5	6	–	8
K	4003	Spinning room	–	5	6	–	8
K	13781	Drawing sliver	–	5	6	–	8
K	13782	Slubbing yarn	–	5	6	–	8
K	13785	Drawing in the warp, front view, Dallas, Tex.	–	5	6	–	8
K	13784	Slashing or starching warp, Dallas, Tex.	–	5	6	–	8
K	13787	Weaving cotton cloth, Dallas, Tex.	–	5	6	–	8

Utah.

K	9585	A view of the Wasatch Mountains, Salt Lake City, Utah	–	5	6	–	–
D	04186	Main street, Salt Lake City	–	5	–	–	–
M	10734	Grand River Ferry	–	5	6	–	–
M	3433	Great Salt Lake	4	5	6	–	–
M	6573	Home in the desert	4	5	6	–	–

Vermont.

D	016083	Shelburne farms, along the lake shore	–	5	–	–	–
D	016082	Shelburne farms, among the pines	–	5	–	–	–
D	016012	The valley below Cavendish	–	5	–	–	–
D	016140	A passing shower	–	5	6	–	–

Maple Sugar. (See Ohio.)

D	019211	Maple tree study	–	5	–	–	8
D	019210	Maple sugar camp, bringing in sap	–	5	–	–	8
D	019212	Maple sugar camp, gathering sap	–	5	–	–	8
D	019213	Making maple syrup in the good old-fashioned way	–	5	–	–	8

Virginia.

D	018405	Capitol square, Richmond	–	5	–	–	–
D	013037	The Mansion, Mt. Vernon	–	5	–	–	8

D 010897	Fort Monroe	–	5	–	–	8
K 8034	Tomb of Washington, Mt. Vernon	–	5	–	–	8
K 8037	Arlington House, Lee's old home, Arlington, Va.	–	5	–	–	8
K 387	Natural Bridge, Virginia	–	5	6	–	–
K 13964	The mighty Shenandoah as it rolls past Riverton, Front Royal, Va.	–	5	–	–	8
K 13969	Horseshoe curve on the Shenandoah, near Front Royal, Va.,	–	5	6	–	8
K 13962	Looking toward Guard Hill, Front Royal, Va.	–	5	–	–	–
K 13968	The Blue Ridge Mountains, seen from the monument to Mosby's men, Front Royal, Va.	4	5	6	–	8

Washington.

K 13617	Seattle, Wash., the metropolis of the Northwest	–	5	–	–	–
D 014674	Waterfront	–	5	–	–	8
K 11624	Acres of wheat. Harvesting in the State of Washington,	4	5	–	–	8

Lumber. (See Maine and Oregon.)

K 20024	End of the flume, Port Blakely Mills, Washington	–	5	–	–	8
K 20121	One of the great logs ready to be moved, Washington	–	5	–	–	8
K 20023	A load of logs delivered on trucks, Washington	–	5	–	–	8
K 20021	At the mill, great booms, Washington	–	5	–	–	8
K 20022	Assorting logs into private booms, Washington	–	5	–	–	8
K 20025	Drawing logs up the incline, Washington	–	5	–	–	8
K 20026	Lumber to burn, Washington	–	5	–	–	8
K 20027	Shipping lumber, Washington	–	5	–	–	8
K 13569	In the great Oregon forest	–	5	–	–	8

West Virginia.

K 184	Harpers Ferry, W. Va.	–	5	–	–	8
K 7007	John Brown's Fort, Harpers Ferry, W. Va.	–	5	–	–	8
D 01853	Pine region from Eggleston's	–	5	–	–	–

Oil.

K 20045	Drilling for oil, Wetzel County, W. Va.	–	5	–	–	8
K 20046	Torpedoing an oil well, Wetzel County, W. Va.	–	5	–	–	8
K 20047	Tubing an oil well, Wetzel County, W. Va.	–	5	–	–	8
K 20044	Pumping an oil well, Wetzel County, W. Va.	–	5	–	–	8

Wisconsin.

D 012648	Shipping scenes on the river, Milwaukee	–	5	–	–	8
D 04843	Rapids, above the dam, Racine	4	5	6	–	–
D 04726	The Sphynx, Presque Isle	–	5	–	–	–

Wyoming.

D 07252	Green river, Butte. General view	–	5	6	–	–
D 07523	Beaver dam	–	5	6	–	–
D 07495	Cottonwood ranch, near Corbett's	4	5	–	–	8
D 07496	Cattle on O'Hara creek	4	5	–	–	8
D 07520	A camp in the Teton Mountains	–	5	–	–	–

Yellowstone Park.

K	13580	Gardiner and National Park entrance	–	5	–	–	–
K	13584	"Old Faithful," Queen of Geysers	4	5	–	–	–
K	13587	Giant Geyser cone, largest geyser in the world	–	5	–	–	–
K	13592	An early morning tour of the upper basin	–	5	–	–	–
K	13593	Jupiter Terrace at close range	–	5	–	–	–
K	2450	Yellowstone Park paint pots	4	5	–	–	–
K	2440	Keppler Cascades	–	5	–	–	–
K	13577	Grand Canyon of the Yellowstone	4	5	6	–	–
K	13597	Minerva Terrace, Mammoth Springs Hotel, and Fort Yellowstone	4	5	–	–	–
K	2411	Beehive Geyser	4	5	–	–	–
K	10604	Jupiter Terrace	–	5	–	–	–
K	2401	Summit of the Upper Falls	–	5	–	–	–
K	13581	Rocky Mountain Divide	4	5	–	–	–
D	014978	Lower Falls of the Yellowstone	4	5	–	–	–
D	014927	Pulpit Terraces	4	5	–	–	–

SOUTH AMERICA.

M	3643	Political map.
M	14813	Relief map.

Argentine Republic.

M	21	Rosario, loading grain	4	5	–	–	8
M	8851	Pampas of the Republic	4	5	–	–	8

Buenos Ayres.

M	8842	The Mole	–	5	–	–	–
M	8846	Plaza	–	5	–	–	–
M	8843	Street view	–	5	–	–	–
M	8844	Cathedral	–	5	–	–	–
M	8845	Government buildings	–	5	–	–	–
M	3816	Milk carrier	4	5	–	–	–

Bolivia.

M	8648	Courtyard of the inn	–	5	–	–	–

La Paz.

M	19000	Panorama	–	5	–	–	–
M	19011	Street kitchen	–	5	–	–	–
M	8683	Mt. Illimani	4	5	–	–	–
M	54	Group of natives	4	5	–	–	–

Lake Titicaca.

M	19025	Lake and mountains	4	5	–	–	–
M	19027	A home on the lake	4	5	–	–	–
M	8699	Home of the Incas	4	5	–	–	–

Tiahuanuco.

M	8632	Inca inscription stone	–	5	–	–	–
M	8634	Inca Bridge	–	5	–	–	–

Brazil.

M	3847	Bread fruit tree	4	5	–	–	8
M	3843	Houses on Amazon	4	5	–	–	–

Bahia.

M	2722	Panorama	–	5	–	–	–
M	1142	Rue de Commerce	4	5	–	–	–

Para.

M	3825	Street view	4	5	–	–	–
M	3833	Produce boats	4	5	–	–	8

Rio Janeiro.

M	3849	Panorama	–	5	–	–	–
M	8317	Harbor	4	5	–	–	–

Santarem.

M	3837	Cactus and orange	4	5	–	–	–
M	3839	Chute for transporting sugar cane	4	5	–	–	8
M	3840	Ant hill	4	5	–	–	–
M	3841	Indian hut	4	5	–	–	–

Chili.

M	3881	Copiapo silver mines	–	5	–	–	8
M	8837	Island of Juan Fernandez, rock formation	–	5	–	–	–
M	3883	Iquique street view	–	5	–	–	–
M	3884	Placella, farmhouse and group	4	5	–	–	–
M	38	Nitrate industry, the works	4	5	–	–	8
M	39	Group of workers	4	5	–	–	8
M	41	Nitrate train	4	5	–	–	8

Andes Mountains.

M	8828	Mt. Aconcagua	4	5	–	–	–
M	8817	Pass of Upspillaton	–	5	–	–	–
M	8827	Glacier	–	5	6	–	–
M	8822	Cutting through snow and ice	–	5	–	–	–

Santiago.

M	8789	Panorama	–	5	–	–	–
M	8742	Alameda	–	5	–	–	–
M	8738	Cathedral, exterior	–	5	–	–	–
M	8748	Post office	–	5	–	–	–
M	8775	Calicanto Bridge	–	5	–	–	–

Valparaiso.

M	3819	Panorama	–	5	–	–	–
M	10306	Harbor and dry dock	4	5	–	–	8
M	8726	A street	–	5	–	–	–
M	8723	Bank	–	5	–	–	–
M	3822	Water carriers	4	5	–	–	–

Ecuador.

U	9176	Guayaquil, the great equatorial shipping port, north from ferry on Guayaquil river	4	5	–	–	–
U	9179	How imported goods are carried from Custom House — railway along street in Guayaquil	4	5	–	–	8
U	9181	High life and low life — a glimpse of a rich man's beautiful home in Guayaquil	4	5	–	–	–
U	9182	Home life in the family of a cultivated and wealthy Spanish citizen, Guayaquil	4	5	–	–	–
U	9183	Future citizens of equatorial America. Schoolroom full of boys at Guayaquil	4	5	–	–	–
U	9185	Queer boats and market rafts before Custom House on Guayas river, Guayaquil	4	5	–	–	8
U	9188	Gliding up into the heart of the country — natives poling our boat up Babahoyo river	–	5	–	–	–
U	9189	Gathering cacao pods from which chocolate and cocoa are produced, La Clementina plantation	4	5	–	–	8
U	9191	Raking over fourteen tons of cacao beans on the "driers" at La Clementina plantation	4	5	–	–	8
U	9193	Houses on stilts where laborers' families live, cacao plantation, La Clementina	4	5	–	–	–
U	9179	Ice-crested Chimborazo, towering 20,498 feet towards the sun, north from road to Quito	4	5	–	–	–
U	9198	Traveling up among the Andes — natives on trail between Ambato and Riobamba	4	5	–	–	–
U	9201	Curiosity, amusement and terror of children confronted by a photographer, Ambato	4	5	–	–	–
U	9204	Quito, the city of the equator, 9,350 feet above the sea among the Andean volcanoes	4	5	–	–	–
U	9206	A pretty neighbor taking the air on a balcony overlooking Bolivar street, Quito	4	5	–	–	–
U	9807	Arcade of shops on east side Sucre square, with customers buying feminine finery, Quito	4	5	–	–	–
U	9211	Sumptuous splendor of official reception rooms in the President's palace, Quito	4	5	–	–	–
U	9215	A halt for breath 14,000 feet up the volcano Pichincha — view west towards distant summit	4	5	6	–	–
U	9217	Where Pichincha's peak rises 15,706 feet on the equator — smoking crater at right	4	5	–	–	–
U	9199	A country housewife grinding oats for bread — home on Ambato — Riobamba road	4	5	–	–	–

Peru.

U	9238	In the heart of the awesome Andes — peering from Oroya Railroad down into Rimac river gorge	4	5	–	–	–
U	9244	Everyday life in Cerro de Pasco — street lined with Spanish balconies and Indian roofs	4	5	–	–	–
U	9246	Selling ponchos (blankets), ice cream and vegetables in a native market, Cerro de Pasco	4	5	–	–	–
U	9247	The "bell-wether" leading a troop of llamas through an Indian street at Cerro de Pasco	4	5	–	–	8
U	9250	Work to-day at a silver mine that enriched the Spanish centuries ago, Cerro de Pasco	–	5	–	–	8
U	9251	Squaws in the mining country, carrying water from Lake Paparcocha, Cerro de Pasco	4	5	–	–	–
U	9254	Where the Pacific waves dash high on the rock-ribbed South American coast at Mollendo	4	5	–	–	–
U	9255	The rising generation of a seaboard town (Indian, Chinese, negro, etc.), Tamba street, Mollendo	4	5	–	–	–
U	9259	Washing and drying wool from the Andean tablelands for foreign trade, Arequipa	4	5	–	–	8
U	9264	Straw boats on Lake Titicaca, two vertical miles above sea level, on the Andean plateau	4	5	6	–	–
U	9265	Sheep raising in a sunny valley among the Andes, near Cuzco (farm buildings at right)	4	5	–	–	–
U	9271	Drawing water from a fountain of curious design before old Spanish cathedral, Cuzco	–	5	–	–	–
U	9276	Wonderful masonry of the ancient Incas, laid without tools or mortar, Triumph street, Cuzco	4	5	–	–	–
U	9277	Beautifully carved balcony overlooking an open sewer — a typical hillside street, Cuzco	4	5	–	–	–
U	9218	The waterfront of busy Callao, sea-going vessels and lighters along the quay	4	5	–	–	8
U	9219	Lima from hill at northeast — Rimac river, twin-towered cathedral, bull ring, shops and homes	4	5	–	–	–
U	9224	A fashionable shopping street (Calle de Huallago), International Bank at right, Lima	–	5	–	–	–
U	9226	Overlooking mountains and skies from astronomical observatory of S. Domingo Convent, Lima	4	5	–	–	–
U	9227	Weaving home-grown cotton for the South American trade in a fine modern mill at Lima	4	5	–	–	8
U	9229	Tropical luxuriance of the Botanical Gardens, favorite pleasure resort of Lima	4	5	–	–	–
U	9234	Picking cotton with Chinese labor on irrigated land at the foot of the Andes, Vitarte	4	5	–	–	8
U	9236	Harvesting sugar cane on a great plantation between Lima and the Andes, Santa Clara	4	5	–	–	8

Straits of Magellan.

M	10309	View in	–	5	–	–	–
M	8840	The long passage	4	5	–	–	–

Venezuela.

W	9003	A Venezuelan railway train	4	5	–	–	–
W	9011	Plaza Bolivar, Caracas' main square and the cathedral	4	5	–	–	–
W	9015	A Venezuelan ox cart with rum from an interior sugar plantation, Caracas	–	5	–	–	–
W	9016	A native hut on the cart road, Caracas to La Guayra, size 10 feet by 4 feet — the home of three women and one child	4	5	–	–	–
W	9017	A provision store with donkey packs and donkey carts departing for the interior, Caracas	4	5	–	–	–
W	9018	In the Andes — en route on the railroad, Caracas to Puerto Cabello	4	5	–	–	8
W	9019	"Aragua Valle," a beautiful and fertile Venezuelan valley,	4	5	–	–	–
W	9020	Eating breakfast (12 m.) under the bamboo trees at the La Victoria Railroad Station	4	5	–	–	–
W	9021	Native Venezuelan thatched huts	4	5	–	–	–
K	13312	Milk venders, Puerto Cabello	4	5	–	–	–
K	13313	La Guayra, chief port of Venezuela	–	5	–	–	–
K	13315	In the narrow street of La Guayra, showing native method of distributing milk	4	5	–	–	–
K	13302	Caracas, the capital city of Venezuela, Santa Capilla	–	5	–	–	–
K	13303	A beautiful boulevard, showing federal palace and university, Caracas	–	5	–	–	–
M	14656	Indians of Maracaibo	4	5	–	–	–
M	14657	Lake dwellers of Maracaibo	4	5	–	–	–
M	9245	Market	4	5	–	–	–

EUROPE.

Austria.

U	1871	Salzburg and its castle fortress (eleventh century)	–	–	6	–	–
U	1878	The picturesque Danube at St. Nicholai	–	–	6	–	–
U	1875	Linz, on the Danube	–	–	6	–	–
U	1879	On the Danube, approaching Ybbs	–	–	6	–	–
U	1883	The Franzens-Ring, Vienna, architecturally the finest street in Europe	–	–	6	–	–
U	1889	The great Rathhaus, Vienna (tower, 320 feet high)	–	–	6	–	–
U	1896	The ballroom, Liechtenstein Royal Palace, Vienna	–	–	6	–	–
U	1899	The broad and busy Graben — the heart of Vienna	4	–	6	–	8
U	1909	The fruit market — west, over the great market place, Vienna	4	–	6	–	8
U	1913	Tyrolese haymakers, Val Ampezzo	–	–	6	–	8
U	1914	The summits of the Drei Zinnen (9,850 feet), Tyrol	–	–	6	–	–
U	1920	An Austrian hamlet, Val Ampezzo	–	–	6	–	–
U	1921	Cortina and Mt. Tofana, Val Ampezzo	–	–	6	–	–
U	1924	Cristallo group, from Cortina	–	–	6	–	–
U	1926	One of the many vineyards of Borzen, Tyrol	4	–	6	–	8
U	1944	Marie Theresienstrasse — principal street of Innsbruck, the beautiful Tyrolian capital	–	–	6	–	–

U	1950	The beautiful Schwarzensee, Kitzbuhel, Tyrol	–	–	6	–	–
U	1951	A Tyrolian byway, along the roaring Ach, Austria	–	–	6	–	–

Belgium.

U	1467	The Cathedral of St. Gudule (twelfth century), famed for its richly painted windows, Brussels	–	–	6	–	–
U	1471	Magnificent Palace of Justice, southeast from Notre Dame de la Chapelle, Brussels	–	–	6	–	–
U	1479	Dogcart and milk woman, Antwerp	4	–	6	–	8
U	1482	North along the river Scheldt, where shipping once made Antwerp Europe's richest commercial port	–	–	6	–	8
U	1485	In the fish market, Bruges	4	–	6	–	8
U	1487	"In the market place of Bruges stands the belfry, old and brown" — view, northwest, across canal	–	–	6	–	8
U	1488	One of Europe's famous bathing resorts, Ostend	–	–	6	–	–
U	1491	Flax in great stacks, curing in sunny fields near Courtrai, center of Belgium's linen industry	4	–	6	–	8
U	1492	Flax taken from stacks and soaked in river Lys, preparing for spinning, Courtrai, Belgium's linen market	–	–	6	–	8
U	1494	A charming chateau perched on lofty, mirrored cliffs beside the winding Lesse, near Dinant	4	–	6	–	–
U	1495	A greenhouse of Araucaria, in the great nurseries at Ghentbrugge	–	–	6	–	8
U	1497	Bargain hunters in the market place, — southwest, to lofty tower of cathedral 700 years old, Malines	–	–	6	–	8
U	10227	Battlefield of Waterloo with La Haie Sainte, a center of the hottest fighting	–	–	6	–	8
K	10101	Musee de Steen and docks on the bank of the Schelde, Antwerp	–	–	6	–	8
K	10114	The Bourse, Brussels	–	–	6	–	8
K	6121	Vegetable market, Brussels	4	–	6	–	8
K	6114	Ancient gateway, Malines	4	–	6	–	–
K	6116	In the cloth and lace market	4	–	6	–	8
K	10115	River Meuse and Parc, Namur	–	–	6	–	–
K	10106	Crypt of the Castle of Ghent	–	–	6	–	8
K	6113	Chateau of Creve Coeur, Bouvignes	–	–	6	–	8

Denmark.

U	1000	Copenhagen, the metropolis of all Scandinavia	–	–	6	–	8
U	1001	Street scenes and old tower, Copenhagen	4	–	6	–	–
U	1002	Fish market and fishing boats in the canal (west) along the Gammelstrand, Copenhagen	4	–	6	–	8
U	1005	Busy harbor of Copenhagen, a famous port of old times, where great ships come and go	–	–	6	–	8
U	1008	Palaces and docks of Copenhagen, from dome of Marble Church east to Malmo	–	–	6	–	8
U	1015	Royal Guards parading past the Crown Prince's palace (seen from the King's palace), Copenhagen	–	–	6	–	–
U	1025	Midday traffic in the street before Copenhagen's beautiful National Theatre	–	–	6	–	–

U	1028	Fun for the boys and girls in their favorite playground, Ostre Anlaeg, Copenhagen	4	–	6	– –
U	1039	Peasant children in the Royal Forest	4	–	6	– –
U	1040	Packing prize butter for the European markets in the biggest dairy in the world, Hasley	4	–	6	– 8
U	1041	Hundreds of delicious big cheeses curing in the largest dairy in the world, Hasley	4	–	6	– 8
U	1042	A forest of shipping beside the dock at Esbjerg, King Christian's prosperous new city, Jutland	4	–	6	– 8
U	1043	A cosy Danish home	4	–	6	– –
K	13076	Frederiksholmes Canal and Thorwaldsen Museum, Copenhagen	–	–	6	– 8
K	6145	The fish market, Copenhagen	4	–	6	– 8
K	6132	The Christiansborg Palace, Copenhagen	–	–	6	– –

England.

U	9793	Entrance to Royal Albert docks, Tillbury on the Thames, below London	–	–	6	– 8
U	10767	London Bridge, from the Surrey side	–	–	6	– 8
U	121	Tower of London — famous old palace and prison of royalty	–	–	6	– 8
U	107	The Bank of England, the nation's financial center, London	–	–	6	– 8
U	113	Cheapside, west, past Bow Church, London	–	–	6	– –
U	10592	Fleet street, famous old center of literary London, east to St. Paul's	–	–	–	– 8
U	115	The Strand, northeast, past St. Mary's to old St. Clement's, London	–	–	6	– –
U	103	Westminster Bridge, west, past clock tower of Houses of Parliament	–	–	6	– 8
U	104	Houses of Parliament and towers of the Abbey, west, across the Thames	–	–	6	– 8
U	136	Westminster Abbey, east, past St. Margaret's to Parliament Clock Tower, London	–	–	6	– 8
U	137	Interior of Westminster Abbey, west, through choir and nave, London	–	–	6	– –
U	10595	Trafalgar square and the Nelson monument, London	–	–	6	– –
U	10007	Buckingham Palace, the home of H. M. George, V., London,	–	–	6	– 8
U	234	The quaint cottage homes of Shanklin, Isle of Wight	–	–	6	– –
U	144	Windsor Castle, from across the Thames	–	–	6	– –
U	158	At Oxford, north, to picturesque tower of Magdalen College	–	–	6	– –
U	10598	A military review at Aldershot	–	–	6	– –
U	112	Regent street, northwest, toward Oxford street, best shopping district of London	–	–	6	– –
U	182	Ancient Elizabethan house used by Raleigh and Drake, Exeter	4	–	6	– –
U	185	St. Michael's Mount, where Jack slew the giant Cormoran, Penzance	–	–	6	– –

U	186	Fishwives of Cornwall, at Newlyn, near Lands End	4	–	6	–	8
U	10602	Where the picturesque main street climbs the hill at Clovelly	–	–	6	–	–
U	10013	Narrow streets and quaint old houses of Shrewsbury	–	–	6	–	–
U	9546	Queen Anne's tower in the old wall at Chester	–	–	6	–	–
U	10603	An old country house at Bridgnorth	4	–	6	–	–
U	9389	The dance around the maypole — spring festival in west of England	4	–	6	–	–
U	160	The birthplace of the immortal Shakespeare, Stratford-on-Avon	–	–	6	–	8
U	167	The church at Stratford-on-Avon that guards Shakespeare's dust	–	–	6	–	8
U	10606	Durham's noble cathedral, towering over the river Wear	–	–	6	–	–
U	10608	Romantic beauty of ruined Furness Abbey (twelfth century)	–	–	6	–	8
U	10609	The magnificent Exchange Building — business center of Liverpool	–	–	6	–	8
U	193	On the ocean steamship landing, Liverpool	4	–	6	–	8
U	157	The "coster" side of Derby (the "fakirs" section of the great race course), Derby Day	–		6	–	8
K	6146	Chronometer by which the world's time is measured, Greenwich, Eng.	–	–	6	7	8
K	3016	York Minster, York, Eng.	–	–	6	–	–
U	9795	Down the Thames	–	–	6	–	–
U	127	Throne room, Buckingham Palace	–	–	6	–	–
U	10160	Fox hounds going to the meet	–	–	6	–	–
U	212	Picturesque valley of the Wye	–	–	6	–	–

France.

U	9562	Calais pier and surging waters of the channel	4	–	6	–	8
U	1555	Arch of Triumph to commemorate victories of Napoleon, Paris	–	–	6	–	–
U	1552	Avenue of the Grand Army, northwest from top of Napoleon's Arch of Triumph, Paris	–	–	6	–	–
U	1562	Eiffel Tower and the Trocadero Palace, south from the Arch of Triumph, Paris	–	–	6	–	–
U	9736	The favorite drive, Champs Elysées, southwest from Arch of Triumph to Place de la Concorde, Paris	–	–	6	–	–
U	9737	Bridge and Place de la Concorde, from Chamber of Deputies, Paris	–	–	6	–	8
U	1561	Looking straight down nearly a thousand feet from the Eiffel Tower, Paris	–	–	6	–	–
U	9569	Girl employees of famous dressmaking shops, Paris	4	–	6	–	8
U	1540	Business men of France on the steps of the Bourse, Paris	–	–	6	–	8
U	1574	In the Louvre Garden, Paris	–	–	6	–	–
U	1568	One of the famous treasures of the Louvre, Raphael's Madonna of the Diadem, Paris	–	–	6	–	–
U	1564	The great city market (Halles Centrales), one glimpse in its twenty-two acres, Paris	–	–	6	–	8
U	9573	Shops and shoppers in the popular Rue de Rivoli, Paris	–	–	6	–	8

U	1577	Flower market on the City Island northwest to the Louvre, Paris	–	–	6	–	8
U	9574	Making Gobelin's tapestry (weavers behind loom, see results in mirrors), Paris	4	–	6	–	8
U	9576	The most celebrated cathedral in France, Notre Dame, Paris	–	–	6	–	–
U	1537	The Seine bridges, west, from St. Gervais to Eiffel Tower and Arch of Triumph, Paris	–	–	6	–	–
U	1585	Throne room of Napoleon I., Palace of Fontainebleau	–	–	6	–	–
U	9582	Late afternoon on the beautiful highway (north) to Chartres — sheep going home	–	–	6	–	–
U	9583	Vineyards covering sunny fields at Ay in the champagne district	4	–	6	–	8
U	9587	Champagne in the refining racks, a glimpse in wine cellars at Rheims	–	–	6	–	8
U	9591	Birthplace of Joan of Arc (1411), Domremy la Pucelle	–	–	6	–	8
U	1600	Nice, southern France, favorite winter resort on the Riviera	–	–	6	–	–
U	9594	King Carnival and his subjects — spring festival at Mentone	–	–	6	–	–
U	9595	Glacier-covered heights of the Pyrenees, south from road to Gavarnie	–	–	6	–	–
U	9599	Nantes, the great manufacturing center, southwest, down river Loire	–	–	6	–	8
U	9600	Home from the stormy Atlantic — sardine fishermen's boats at Le Croisic	4	–	6	–	8
U	9601	Vast salt fields with children collecting salt for the stacks, Le Croisic	–	–	6	–	8
U	9604	At grandmother's house — interior of a Breton village home, Crach	4	–	6	–	–
U	9617	Making lace in a cottage garden, a famous art industry at Alencon	4	–	6	–	8
K	10703	Alpine home	4	–	6	–	–
K	10741	The birthplace of avalanches, Mont Blanc	–	–	6	–	–
K	10743	A herd of goats on the mountains, Chamonix, France	–	–	6	–	–
K	10734	Mer de Glace, from Montanvert, Chamonix, France	–	–	6	–	–
U	6101	The harbor, Marseilles, France	–	–	6	–	8
U	6102	The Cathedral, Marseilles	–	–	6	–	–
U	1611	Panorama of the seven bridges, Paris	–	–	6	–	–
U	1634	Place de la Bastile, Paris	–	–	6	–	–
U	1603	The Grand Opera, Paris	–	–	6	–	–
U	1636	Palace of the Louvre, Hall of the Caryatides, Paris	–	–	6	–	–
U	1685	Royal Palace, Fontainebleau, France	–	–	6	–	–
U	1621	Hotel des Invalides, tomb of Napoleon	–	–	6	–	–
U	6820	The ancient tower at Nimes, France	–	–	6	–	–
U	1861	The picturesque Chamonix Valley — mountain hamlets at the foot of Le Brevent, Alps	–	–	6	–	–

Germany.

U	1286	Busy Berlin, southwest from Alexander square down Konig Strasse to City Hall	–	–	6	–	8

U	1300	One of the world's famous streets — Unter den Linden, Berlin, west, from beside palace	–	–	6	–	–
U	1298	German officers at "Royal Guards," Unter den Linden (south, across Pariser Platz), Berlin	–	–	6	–	–
U	1308	A family party enjoying a leisure hour in Kroll's famous beer garden, Berlin	4	–	6	–	–
U	1310	Convenience and architectural beauty — elevated railroad along Bülow Strasse, Berlin	–	–	6	–	8
U	1318	Marketing in Stettin — quay beside the Oder, looking northeast from stream	–	–	6	–	8
U	1320	Picturesque rig of Monchgut fisherman — beach on west shore of Baltic Sea	4	–	6	–	–
U	1321	Market place, Schwerin, beside cathedral — twentieth century business in twelfth century town	–	–	6	–	8
U	1324	Ship canal connecting the Baltic and North seas east, toward terminus at Kiel	–	–	6	–	8
U	1327	Farewell to the Fatherland — German passengers on steamship "Konigin Luise" leaving Bremen for America,	4	–	6	–	8
U	1283	In the market place, Hanover	–	–	6	–	8
U	1271	Dresden and the great western head of the Elbe, northwest from tower on Kreuzkirche	–	–	6	–	–
U	1276	Women laborers in the beet-sugar industry field, near Meissen, Saxony	4	–	6	–	8
U	1277	Morning call in Altenburg, Saxony — costumes of well-to-do villagers	4	–	6	–	–
U	10446	Bavarian troops passing old Hercules Fountain and Fuggerhaus, Augsburg	–	–	6	–	–
U	10448	Upper valley of the Danube, cut through the Bavarian mountains, east northeast, near Irrendorf	–	–	6	–	–
U	1251	Konig Strasse, main avenue of beautiful Stuttgart, southwest, past the Stiftskirche	–	–	6	–	–
U	10451	Ivy-grown court of Hiedelberg Castle, north, the most magnificent ruin in all Germany	–	–	6	–	8
U	1245	Heidelberg and Neckar river	–	–	6	–	–
U	10455	A comfortable old country house and some of the neighbors, Betziesdorf	4	–	6	–	–
U	10433	Jena, northwest, across the Saale to plateau where Napoleon gained victory in 1806	–	–	6	–	–
U	10456	Hessian schoolgirls in holiday costume, fourteen petticoats, Mengsburg, near Treysa	4	–	6	–	–
U	10436	Dressing dolls for European and American trade, factory at Sonneburg	4	–	6	–	–
U	10438	Growing hops and harvesting barley on a Bavarian farm near Bamburg	4	–	6	–	8
U	1265	Old city walls and watch tower at Nuremburg, looking north toward castle	4	–	6	–	–
U	1268	Fascinating Nuremburg reflected in the Canal Pegnitz-Heiligegeist Spital (fourteenth century)	–	–	6	–	–
U	10443	The winding sweep of the Danube, east southeast from lofty "Valhalla," near Ratisbon	4	–	6	–	–

U	10444	Art students copying Murillo's painting, "The Beggar Boys," Pinakothek, Munich	–	–	6	–	–
U	10461	Making beer mugs in the famous pottery works at Höhr	–	–	6	–	8
U	10462	Girls picking grapes in a vineyard at Marienthal, southwest, Ahr valley	4	–	6	–	8
K	10309	Frederick street, crossing Unter den Linden, Berlin	–	–	6	–	–
K	10326	An ancient fortified gateway, Lubeck	–	–	6	–	–
K	2018	Royal Palace, Dresden	4	–	6	–	–
K	2022	Kaiser street, Frankfort	–	–	6	–	–
K	2036	Ludwig street, Munich	–	–	6	–	–
K	2005	Bridge of Boats, Cologne, Germany	–	–	6	–	8
K	2007	River Rhine, Cologne	–	–	6	–	–
K	2004	Cologne Cathedral and city	–	–	6	–	–
K	1995	Cologne Cathedral	–	–	6	–	–
K	2002	Market, Cologne	–	–	6	–	8
K	10339	The great bridge over the Rhine at Bonn	–	–	6	–	–
K	10345	Godesburg from the castle, showing the seven mountains	–	–	6	–	–
K	10346	The Rhine at Drachenfels	–	–	6	–	–
K	10338	A bit of Rhineland, Rheinstein	–	–	6	–	8
K	524	The Mouse Tower, Bingen	4	–	6	–	–
K	10342	Castle Ehrenfels, showing Mouse Tower	4	–	6	–	–
K	6462	The Rock of the Lorelei, the narrowest and deepest part of the Rhine, Germany	–	–	6	–	8
K	10352	Toiling in the vineyards, Ruedesheim, Germany	4	–	6	–	8
K	10341	Terraces on the Rhine, Assmannshausen, Germany	–	–	6	–	–
K	6866	Gathering grapes, Ruedesheim, Germany	4	–	6	–	8
K	6869	A vineyard terrace, Ruedesheim, Germany	4	–	6	–	8
K	2010	The harbor, Hamburg	4	–	6	–	–
K	2011	Hamburg	–	–	6	–	–
K	10325	A street scene in Hamburg	4	–	6	–	–
K	2013	Market, Hamburg	–	–	6	–	8
K	2042	Grand Canal, Hamburg	–	–	6	–	8
K	2097	Brandenburg Gate, Berlin	–	–	6	–	–
K	10303	Royal Palace, Berlin	4	–	6	–	–
K	6131	German Reichstags Gebaude, Berlin	–	–	6	–	8
K	2030	Heidelberg	–	–	6	–	–

Greece.

U	9289	Crowds gathering at restored stadium (southeast) for twentieth century celebration of old games	–	–	6	–	–
U	9296	Piræus, Athens' seaport, and outlook, west, over Salamis, where the Greeks defeated Persians 480 B. C.	–	–	6	–	–
U	9300	"The mountains look on Marathon and Marathon looks on the sea" — northeast, over battle ground	–	–	6	–	–
U	9304	Old Greek types of beauty among village women at an Easter dance (outlook, east), Megara	–	–	6	–	–
U	9310	Gate of the Lions, oldest sculpture in Europe (southeast), guarding walled Acropolis of Mykenæ	–	–	6	–	–
U	9314	Argos and the plain whose horses were famed in Homer's day, southeast, from Larisa to Nauplia	–	–	6	–	–

U	9317	Mediæval fortress of Palamidi (east southeast), watching over the best harbor of Greece	–	–	6	– –
U	9324	Looking over the modern homes in ancient Sparta, west, to famous Taygetos Mountains	–	–	6	– –
U	9325	In Sparta, villagers and countrymen on market day, west, through Ares street, to mountains	4	–	6	– –
U	9332	Picturesque interior of a modern Greek villager's home, Messenia	4	–	6	– –
U	9342	Thebes from the north, a center of human life long before the beginning of history	–	–	6	– –
U	9349	Looking from mountain heights over Delphi and west across Sacred Plain to distant sea	4	–	6	– –
U	9353	Pass of Thermopylæ (west southwest), where Leonidas and his men held back Persia's host, 480 B. C.	4	–	6	– 8
U	2461	North, over Pharsalia and the plain where Cæsar defeated Pompey (48 B. C.)	–	–	6	– 8
U	2459	Mt. Olympus (9,754 feet), on whose summit dwelt the gods of ancient Greece. View from the south	–	–	6	– 8
K	964	Athens and Acropolis from the north	–	–	6	– 8
K	973	The Parthenon, Athens	–	–	6	– 8
K	3701	Temple of Jupiter, Athens	–	–	6	– 8
K	11164	The ancient Areopagus, Hill of Mars, Athens	–	–	6	– –
K	11166	Arch of Hadrian, Athens	–	–	6	– –
U	9305	Ship canal at Corinth	–	–	6	– –

Holland.

U	1500	Beautiful bath house, pier and North Sea surf at Scheveningen, Holland's favorite seashore resort	4	–	6	– –
U	1501	Cosy homes of Dutch herring fishermen and the wives they leave behind them, Scheveningen	4	–	6	– 8
U	1502	Amsterdam, looking southeast from Zuyder Kerk over shady streets and glassy canals	–	–	6	– 8
U	1507	Shimmering mirror of the Voorburgwal (north), reflecting St. Nicholas Church and houses, Amsterdam	4	–	6	– 8
U	1508	Market day bargainers in the Nieuwe Market — north to mediæval weigh house, Amsterdam	4	–	6	– 8
U	1510	East, across the Oudehaven with its shipping, its handsome bridges and roomy quays, Rotterdam	–	–	6	– –
U	1514	Church at Delfthaven, where the Pilgrim Fathers prayed before embarking for America	4	5	6	– –
U	1515	Industrious peasants and milk cart passing a windmill on a dike road west of Dordrecht	4	–	6	– 8
U	1516	Substantial dignity of a Dutch matron with her dog team — outskirts of Enkhuysen	4	–	6	– 8
U	1517	Prosperous and charming Groningen, St. Martin's Kerk and University Museum beyond canal	–	–	6	– –
U	1518	Home again from the stormy North Sea	–	–	6	– –
U	1519	Old town weigh house and market, with its half acre of Dutch cheese, at Hoorn	4	–	6	– 8
U	1520	Quaint houses and bridges and clumsy fishing boats in the quiet harbor at Hoorn	4	–	6	– 8

U	1521	Quaint costumes of village girls on the wharf beside the fishing boats, Zuyder Zee	4	–	6	– –
U	1524	Beside the Zuyder Zee — thrifty Dutch villagers on the fishermen's wharf at Volendam	–	–	6	– 8
U	1525	Everyday's business on the narrow waterway of a little Dutch town, Volendam	4	–	6	– –
U	1526	Neighbors, big and little, in a tidy street along the dike, Volendam	4	–	6	– –
U	1527	Huge windmills beside the canal at Zaandyk — view west along the rear of the village street	4	–	6	– –
U	1528	Picturesque and thrifty countrywomen with milk pails balanced on wooden yokes — Goes, Zeeland	4	–	6	– 8
U	1529	A milkmaid of Goes on her morning rounds — a typical costume and tank, Zeeland	4	–	6	– –
U	1530	A Goes farmer and his granddaughter in their three-wheeled cart, out for a ride, Zeeland	4	–	6	– –
U	1531	Miles on miles of peaceful pastures where windmills beckon to each other, north of Amsterdam	4	–	6	– 8
K	6439	Group of Dutch school children	4	–	6	– –
K	6437	Home from the hay fields, by canal, Island of Marken	4	–	6	– –
K	6438	Market wagon of a Dutch farmer, Holland	4	–	6	– –
K	6436	A Dutch fishing village, Island of Marken, Zuyder Zee, Holland	4	–	6	– 8
K	6434	Fleet of Dutch fishing vessels, harbor of Marken, Holland,	–	–	6	– 8
K	6435	Quaint streets in Dutch village, Holland	4	–	6	– –
K	2050	Steamer docks, Rotterdam	–	–	6	– 8
K	3401	Shipping, Rotterdam	–	–	6	– 8
K	2053	Lenvehaven Canal, Rotterdam	–	–	6	– 8
K	3041	Characteristic Holland	4	–	6	– 8

Ireland.

U	428	Cutting peat, the vegetable substitute for coal, near Kiltoom, Roscommon (northwest)	4	–	6	– 8
U	440	Wishing Arch, curiously formed by marine erosion (northeast)	–	–	6	– –
U	463	Beehive cottages with roped roofs, near Slieve League, in County Donegal (south)	4	–	6	– –
U	516	The "Honeycombs," Giant's Causeway (north), remarkable basaltic formations	–	–	6	– 8
U	9109	Building an ocean liner, Harland and Wolff's Works (southwest), Belfast	–	–	6	– 8
U	438	Hatcheling flax, first process in making the famous Irish linens, Belfast	4	–	6	– 8
U	439	Plain weaving room (1,000 looms) in a great linen mill at Belfast	–	–	–	– 8
U	446	Bleaching field, near linen mills, Lisburn	–	–	6	– –
K	2517	Queenstown Harbor	4	–	6	– 8
U	478	The fair, the great pig market day, northeast toward the railway station, Kilrush	4	–	6	– 8
U	493	The picturesque home of a prosperous farmer, County Kerry (northeast)	4	–	6	– 8

U	487	Diadem of the Emerald Isle — Lower Lake, southwest from Lord Kenmare's mansion, Killarney	4	–	6	–	8
U	486	One of nature's jewels, Upper Lake of Killarney (north), set amid purple hills	4	–	6	–	8
U	429	Fireplace for burning peat, where all family cooking is done — a home in Ireland	4	–	6	–	8
U	484	Types of Kerry Irish at the sheep fair, Killarney	4	–	6	–	–
U	540	Picturesque life and customs of an Irish village	4	–	6	–	–
U	420	Over beautiful Enniskerry, south to Sugar Loaf Mountain, near Dublin	4	–	6	–	–
U	408	Dignified beauty of a typical Irish castle — Kilkenny mirrored in the river (southwest)	4	–	6	–	8
K	2500	Lakes of Killarney	4	–	6	–	8
K	2509	Ross Castle, Killarney	4	–	6	–	8
U	395	Queenstown, its quay and big cathedral, northwest from the harbor	–	–	6	–	8
U	9099	Custom House, Cork (north), the gateway of the trade of the south of Ireland	–	–	6	–	8
U	397	St. Patrick's street, bridge and hill, a thoroughfare in Cork, looking north	–	–	6	–	–
U	403	Blarney Castle, the stronghold of the MacCarthys and the shrine of Irish wit, near Cork (north)	–	–	6	–	8
U	9101	Holy Cross Abbey interior (west), forbidden to the living, it welcomed the dead, Tipperary	–	–	6	–	–
U	431	Making fine texture hosiery, an old and important industry, at Balbriggan	4	–	6	–	8
U	433	Drogheda and Boyne river (northwest), an important port and ancient town of Ireland	–	–	6	–	8
U	453	The postman's cottage, a neat and pretty country home in County Monaghan	4	–	6	–	8
U	454	Erin's little sons and daughters — a country school in County Monaghan	4	–	6	–	–
U	448	From Navan Fort, ancient capital of Ulster (southeast)	–	–	6	–	–
U	436	Royal avenue, northwest from Donegal place, most important street of Belfast	–	–	6	–	8
K	2526	A typical peasant home, County Kerry, Ireland	4	–	6	–	8
K	12614	A County Cork cottage, Ireland	4	–	6	–	–
K	2508	Royal avenue, Belfast, Ireland	–	–	6	–	–
K	12606	College Green and Bank of Ireland, Dublin, Ireland	–	–	6	–	8

Italy.

K	20410	St. Mark's, Venice	–	–	6	–	–
K	1983	The Palace of the Doges	–	–	6	–	–
K	1952	Florence and the River Arno	–	–	6	–	–
K	3305	Bird's-eye view of Naples	–	–	6	–	–
K	1975	Via Rome, Naples	–	–	6	–	–
K	1972	A Neapolitan team, Naples	–	–	6	–	8
U	2011	Mt. Vesuvius and Naples	4	–	6	–	–
K	20407	Under white umbrellas, marketing, Monza, Italy	4	–	6	–	8
K	6459	Beautiful Lake Como, one of the loveliest spots in the world, Italy	4	–	6	–	–

K	6456	Italian homestead among the mountains of northern Italy	4	–	6	– –
K	6431	An Italian inn at the noon hour	4	–	6	– –
K	6453	Curious and primitive native boats used on the Italian lakes	4	–	6	– 8
K	6454	Spinning glass thread for the manufacture of mats and baskets, Island of Murano, Venice, Italy	4	–	6	– 8
K	6455	Display room of Venetian glass factory, Venice, Italy	4	–	6	– 8
K	6460	The two-wheeled balanced drays, typical of Italy	4	–	6	– 8
K	6485	The wine peddler, Italy	4	–	6	– 8
K	6461	Sheep feeding on the Roman aqueduct, Campagna, Claudian aqueduct in the distance, Italy	4	–	6	– –
U	2052	Milan Cathedral	–	–	6	– –
K	11200	The Tiber, St. Angelo and St. Peter's Church, Rome	–	–	6	– 8
K	11211	The Pope's gardens, from the dome of St. Peter's Church, Rome	–	–	6	– –
K	1907	The Roman Forum	–	–	6	– 8
K	1909	The Colosseum, exterior, Rome	–	–	6	– 8
K	11213	The Colosseum, interior, Rome	–	–	6	– 8
K	1929	Arch of Constantine, Rome	–	–	6	– 8
K	3302	Arch of Titus, Rome	–	–	6	– 8
K	11215	The Forum of Trojan, Rome	–	–	6	– 8
K	1901	View of Rome	–	–	6	– –
K	1905	Castle of St. Angelo and Bridge, Rome	–	–	6	– –
K	3301	The Capitol	–	–	6	– –
K	1903	St. Peter's Church, Rome	–	–	6	– –
K	3300	The Vatican Palace, Rome	–	–	6	– –
K	2164	White sulphur beds — great crater of Solfatara (3 miles in circumference)	–	–	6	– 8
K	8094	Peasant children on the steps of the Temple of Vesta, Rome	4	–	6	– –
K	6482	Grand Canal, Venice, Italy	–	–	6	– 8
K	6465	The Duomo or Cathedral, Florence, Italy	–	–	6	– –
K	6445	The Ponte Vecchio, the most curious bridge in the world, Florence, Italy	–	–	6	– –
K	6483	Street in Florence, showing corner of Vecchian Palace	4	–	6	– –
K	1941	Milan Cathedral	–	–	6	– –
K	1937	Monument to Christopher Columbus, Genoa	4	–	6	– –
K	1958	The Leaning Tower of Pisa	–	–	6	– 8
K	1982	The Rialto Bridge, Venice	–	–	6	– 8
K	116	The Bridge of Sighs	–	–	6	– 8
K	6144	A street in Venice, Italy	4	–	6	– 8
U	2024	Beautiful home of the Vettii, buried A. D. 79, Pompeii	–	–	6	– –
U	2026	Stove and money chests found at Pompeii, National Museum, Naples	–	–	6	– –
U	2030	Capuchin convent (hotel) and cliffs at Amalfi (west)	–	–	6	– –
U	2032	Proud Genoa and her harbor	4	–	6	– –
U	2037	The world-famed marble quarries at Carrara	–	–	6	– 8
U	2056	Venice —"White Swan of Cities," North and South Giorgio Island	4	–	6	– –

U	2058	San Marco (east), a marvel of mosaic marble and gold, Venice	–	–	6	–	–
U	1997	Via Sacra, road of triumphal pageants, west from Colosseum, Rome	–	–	6	–	–
U	2003	Michael Angelo's Moses in St. Pietro in Vincoli, Rome	–	–	6	–	–
U	2006	Beautiful twisted columns in ancient cloister of St. Paul's, Rome	–	–	6	–	–
U	2008	Along the Appian Way (southeast), constructed in fourth century B. C., Rome	–	–	6	–	–
U	2009	Venerable tombs and young life on the Appian Way, Rome,	–	–	6	–	–
U	2010	Aqueduct of Claudius and the Campagna, Rome	–	–	6	–	–
U	2011	Bird's-eye view (east) of Naples and Vesuvius	–	–	6	–	–
U	2012	The Lazzaroni, as they live in the streets of Naples	4	–	6	–	–
U	2013	Macaroni drying in the dirty streets of Naples	4	–	6	–	8
U	2017	On the road to Vesuvius (east), Italy	–	–	6	–	–
U	2018	In the wilderness of lava, at base of Vesuvius (east)	–	–	6	–	–
U	2019	Looking into the awful crater of Vesuvius	4	–	6	–	–
U	2020	The Forum of Pompeii and Vesuvius	–	–	6	–	–
U	2022	The old wheel tracks, street of Stabia (northwest), Pompeii	–	–	6	–	–

Sicily.

U	8577	A typical courtyard, home of a local policeman on San Michele street, Trapani	4	–	6	–	–
U	8584	Where almond trees bloom beside the ruined temple of Castor and Pollux (northwest), Girgenti	–	–	6	–	8
U	8559	The Sicily of to-morrow — schoolboys at their lessons in the Royal Technical School, Palermo	4	–	6	–	–
U	8565	Picking lemons in a grove on the Conca d'Oro (Golden Shell), outside Palermo	4	–	6	–	8
U	8576	Cutting and polishing Mediterranean coral, a common industry at Trapani	4	–	6	–	8
U	8601	Mt. Etna smoking above its cloak of snow, north from St. Nicolai Church tower, Catania	–	–	6	–	–
U	8602	Work and gossip at a fountain by the Cappuccini gate in Taormina's old city wall	–	–	6	–	–
U	8605	Humble folks of to-day and their home inside a mediæval nobleman's palace, Taormina	4	–	6	–	–

Norway.

U	600	Christiania and her busy harbor, northwest, from the Ekeberg	–	–	6	–	–
K	13405	Carl Johan's Gade — the principal street in Christiania	–	–	6	–	8
U	609	Leaving old home and friends — waving good-byes to emigrants starting for America, Christiania	4	–	6	–	–
U	605	The "Great Market" around statue of Christian IV., Christiania	–	–	6	–	8
U	608	Old Viking ship — explorer of northern seas and burial boat of Norse chief, Christiania	4	–	6	–	–
U	603	The Royal Palace, Christiania	–	–	6	–	–

U	616	Country girls in haying time — outlook over Bolkesjö and Folsjö (lakes) to Himingen Mountains	4	–	6	– –
U	620	Imposing beauty of spray-enshrouded Rjukanfos, the "foaming fall" in the 800-foot leap	–	–	6	– –
U	624	Steamboat climbing a steep hill beside the Vrang waterfall by locks in Bandak-Nordsjö Canal	–	–	6	– 8
U	627	Gossip at a wayside inn at Botten, overlooking the Voxli lake — view towards the Haukeli Mountains	4	–	6	– –
U	632	A farmer's family making hay in a sunny field, between the mountains, Röldal	4	–	6	– –
U	641	Old log houses, down in the Bratlandsdal, with trees growing on their sod-covered roofs	4	–	6	– –
U	654	A log-built mill and a water-wheel grindstone, on Stalheim's river, Naerodal	–	–	6	– 8
U	658	Rocky Jordalsnut (3,620 feet), from beside the road filled with tourists' carts	4	–	6	– –
U	662	Fishermen arranging salmon nets at Balestrand on the Sognefjord — Balholm in the distance	4	–	6	– 8
U	642	A farmer's water-power grindstone and sod-roofed grist mill in the deep Olden Valley	4	–	6	– 8
U	682	A Lapland family and sledge dog outside their summer home, on a hillside in Norway	4	–	6	– –
U	691	Trondhjem, its homes, warehouses and cathedral, between River Nid and fjord (60° 30′ north latitude)	–	–	6	– 8
U	695	Buying fish in a busy Arctic trading port, Tromsoe (69° 38′ north latitude)	–	–	6	– 8
U	697	Hammerfest, the world's northernmost town, no sunset from May 13 to July 29	–	–	6	7 –
U	7943	The midnight sun in July over cliffs of Spitzbergen and the Arctic Ocean (78° 15′ north latitude)	–	–	6	7 –
U	782	Unloading dried fish from boats into the warehouse at Tromsoe	–	–	6	– 8
U	2922	Hardanger fjord, Odde	–	–	6	– –
K	2904	Naerodal Pass	–	–	6	– –
K	13414	The Lotefos, Norway's most famous waterfall	4	–	6	– –
K	6126	Snow-covered mountains near Haukeli-Saeter, Norway	4	–	6	– –
K	13424	Norwegian wedding party	4	–	6	– –
K	2903	A group of peasant children	4	–	6	– –
K	2908	A mountain home	4	–	6	– –
K	13415	A farm scene	4	–	6	– 8
K	6108	Making the "flat bread" of the Norwegian peasant—first step	4	–	6	– –
K	20403	Goats on the mountain	4	–	6	– –
U	671	Rustoen Falls, as they seem to come out of the sky, above Rustoefjeld's rugged height	–	–	6	– –
U	633	Travelers on mountain road through the wild ravine of Seljestad, northwest, to snowy Folgefond	–	–	6	– –
U	634	Espelandsfos, one of the loveliest waterfalls in all Scandinavia	–	–	6	– –
U	650	In the great market place of busy Bergen, from the flower market, north, to the fish market	–	–	6	– 8

K	13430	Shipping in modern harbor, Bergen	4	–	6	–	8
U	636	Village roofs and sunny fields of Odde, north, up the narrow mountain-walled Sorfjord	4	–	6	–	–
U	639	A humble mountain home at the foot of the cliffs where the imposing Skjaeggedals Falls leap 525 feet	4	–	6	–	–
U	743	Herd of reindeer, hardy creatures of the northern wilds and snowy heights of Hardanger glacier	4	–	6	–	8

Portugal.

U	2305	The Castle of St. George and city from Tagus, Lisbon	–	–	6	–	8
U	2308	The royal barge at Lisbon, conveying the King and Queen to the Carlos I., bound for the Azores	–	–	6	–	–
U	2309	The fish girls of Lisbon	4	–	6	–	8
U	2315	Where the old aqueduct (1729–49) crosses the Alcantara Valley — highest arch, 204 feet — Lisbon	–	–	6	–	–
U	2324	Cintra, the royal summer seat, and its royal palace (with two spires)	–	–	6	–	–
U	2346	Leiria, an important town of Moorish times, and its ruined castle	–	–	6	–	–
U	2336	Convent, palace and church — built by John V., 1715–30, cost $4,000,000, almost ruining the nation — Mafra	–	–	6	–	–
U	2347	Coimbra, showing the university — looking (northeast) across the bridge and River Mondego	–	–	6	–	–
U	2355	From Crystal Palace Park (southeast), over the Duoro river and Custom House, Oporto	–	–	6	–	–
U	2354	Cascade Falls in the beautiful Sacred Woods — around the monastery, Busaco	–	–	6	–	–
U	2363	Peasant dances — a holiday in the outskirts of Braga	4	–	6	–	–
U	2364	A poultry vendor in the aristocratic residential district of Braga	4	–	6	–	8

Russia.

U	1048	Market boat, Helsingfors, Finland	–	–	6	–	8
U	1050	A forest in Finland — "This is the forest primeval"	–	–	6	–	–
U	1053	The market place, Viborg, Finland	–	–	6	–	8
U	1074	Making hay in Russia	4	–	6	–	8
U	1077	Equipages before Peterhof Palace, the Czar's home in summer	4	–	6	–	–
U	1090	Review of the Russian troops by the French President, Krosnoe Selo	–	–	6	–	–
U	1093	From Sparrow Hills, Napoleon's first view of Moscow	–	–	6	–	–
U	1101	The Kremlin, Moscow — "there lie our ancient Czars asleep"	–	–	6	–	–
U	1120	Nijni-Novgorod, the summer market place of all nations	–	–	6	–	8
U	1122	The floating bridge over the Oka, and the fair of Nijni-Novgorod	–	–	6	–	8
U	1127	Siberian hides and village of the Tartars, Nijni-Novgorod	–	–	6	–	8
U	1128	A characteristic country house in the heart of Russia	4	–	6	–	8
U	1129	Principal street of ancient Kief	–	–	6	–	–
U	1130	Alexandrofski slope and the winding Dnieper river, Kief	4	–	6	–	–

U	1133	The milkmaids of Kief	4	–	6	–	–
U	1134	The fairyland of "Little Russia"	4	–	6	–	–
U	1138	Richelieu street, Odessa	–	–	6	–	–
U	1143	Wheat for export at South Russia's great seaport, Odessa	4	–	6	–	8
U	1144	Overlooking the extensive salt fields of Solinen (20,000 tons of salt)	–	–	6	–	8
U	1145	A reservoir after evaporation — turning up the salt — salt fields, Solinen	–	–	6	–	8
U	1146	The Black Sea from the Russian coast	–	–	6	–	–
K	6634	The Imperial Palace of Peterhof, St. Petersburg, Russia	–	–	6	–	–
K	6637	Avenue of fountains and the Imperial Palace, St. Petersburg, Russia	–	–	6	–	–
K	6639	In the great vegetable market of Moscow, Russia	4	–	6	–	8
K	6545	Alexander column and the Czar's Winter Palace	–	–	6	–	–
K	6655	Equestrian statue of Peter the Great and Michael Palace, St. Petersburg, Russia	–	–	6	–	–

Scotland.

U	7459	Edinburgh Castle — from Grassmarket — the strong fortress of the early kings of Scotland	4	–	6	–	–
U	7466	Princes street, Edinburgh	–	–	6	–	8
U	7472	Holyrood Palace, old home of ill-fated Mary, Queen of Scots — Edinburgh	4	–	6	–	8
U	7500	Bargains in sheep at the Georgemas fair, near Thurso	4	–	6	–	–
U	7501	Highland cattle in pasture at Thurso	4	–	6	–	8
U	7502	Unloading and cleaning fish from the herring boats crowded at the quay — Wick	4	–	6	–	8
U	7504	Wives and bairns of the sturdy toilers of the sea, at Wick, the center of the herring trade	4	–	6	–	–
U	7505	Lads and lassies of the fisher-folk, a band of school children at Wick	4	–	6	–	–
U	7507	Oban and the hills about its land-locked harbor	4	–	6	–	–
U	7510	Fingal's Cave, looking from entrance into its mysterious depths, Staffa	4	–	6	–	–
U	7525	The "Twa Brigs" over the river at Ayr, immortalized by Burns	–	–	6	–	8
U	7530	Stirling Castle, the seat of old-time kings, scene from the ancient tilting ground below	–	–	6	–	8
U	7531	Outlook northeast from Stirling Castle — scene of heroic struggles — to Wallace monument	–	–	6	–	8
U	7537	Ben Venue, veiled in highland mists, seen from across Loch Achray in the Trossachs	–	–	6	–	8
K	2607	Ellen's Isle, the peaceful retreat of Scott's "Lady of the Lake"	4	–	6	–	8
K	12702	Highland home, Scotland	4	–	6	–	8

Spain.

U	2238	Cadiz and its cathedral, southeast from Watch Tower to the open Atlantic	–	–	6	–	–
U	10393	Where ocean surges beat on the old sea wall, west from near cathedral, Cadiz	4	–	6	–	–

U	2222	The center of old Seville — Plaza Constitution and cathedral tower — looking south southeast	–	–	6	– –
U	10395	The most beautiful tower in Spain, the Giralda, seen from the Alcazar, Seville	–	–	6	– –
U	9782	Shipping on the Guadalquivir, southeast from the bridge of Isabel II. to Golden Tower, Seville	–	–	6	– 8
U	10399	La Rabida Monastery, where Columbus was befriended, and river down which he sailed	4	–	6	– –
U	2202	A Cordovese orange-picker among the fruits and flowers of sunny southern Spain	4	–	6	– 8
U	2188	Old Toledo from south bank of Tagus river, cathedral (center) and Alcazar (right)	–	–	6	– –
U	10404	Characteristic types of prosperous Spaniards, and a railway train at Segovia	4	–	6	– –
U	10408	Picturesque beauty of an old farmhouse near Lemona	4	–	6	– –
U	9780	Old-fashioned ox-team used in the work of fertilizing a farmer's field, Arteaga	4	–	6	– 8
U	2259	A holiday throng on the Ramble, the chief thoroughfare of Barcelona	4	–	6	– –
U	2256	Pottery vendors on the market square, Valencia	4	–	6	– 8
U	10411	A water-seller on his daily round, filling a jar of primitive design, Valencia	4	–	6	– –
U	10414	Kitchen of poor village home. Fire on top of stove	4	–	6	– –
U	2252	Volcanic cliffs and fortress, Cartagena — famous for its manganese deposits	4	–	6	– 8
U	9785	Irrigation of an artichoke field (opening sluice lets water pass off), Elche	4	–	6	– 8
U	10417	Farmer's wife sorting dates under feathery palm trees at Elche	4	–	6	– 8
U	2247	Under a canopy of grapes — picking, sorting and packing the famous Malagas, Malaga	4	–	6	– 8
U	2206	Gate of Justice where Moorish kings used to decide cases, Alhambra, Granada	–	–	6	– –
U	2209	Court of the Lions, silent but magnificent testimony to long departed grandeur — Alhambra, Granada	–	–	6	– 8
U	2214	Walls and towers of the Alhambra on the majestic bank of the Darro (southwest), Granada	–	–	6	– 8
U	2218	Tombs of Ferdinand and Isabella (at right), cathedral at Granada	4	–	6	– 8
U	10422	Gibraltar, once the landmark of civilization's end, seen from the north	4	–	6	– 8
U	2227	Lace-wall decoration in beautiful Court of Maidens, Alcazar, Seville, Spain	4	–	6	– –

Sweden.

U	801	Stockholm, old and new, north from Katarina-Hissen — Royal Palace at distant left	–	–	6	– 8
U	815	Among the street markets of Stockholm	4	–	6	– 8
U	812	In the gorgeous reception rooms of King Oscar's palace at Stockholm	–	–	6	– –

K	2801	Panorama of Stockholm	–	–	6	–	–
K	2810	Harbor of Stockholm, showing shipping	–	–	6	–	8
K	13013	Fish and berry market, Stockholm	4	–	6	–	8
K	2804	Wasagaten, Stockholm	–	–	6	–	–
K	13003	Council Room, Royal Palace, Stockholm	–	–	6	–	8
K	13007	Museum of armor and costumes, Royal Palace, Stockholm	–	–	6	–	–
K	6109	A Swedish farmhouse, Skansen, Stockholm	4	–	6	–	8
K	13015	Dalecarlian girls at home, summer and winter costumes, Skansen, Sweden	4	–	6	–	8
U	832	Old country house at Skansen (little girls in Lapp costumes), near Stockholm	–	4	6	–	–
U	833	Light-hearted young folks dancing at a summer festival in Skansen, near Stockholm	4	–	6	–	–
U	834	Hotels and garden, Saltisjobaden	4	–	6	–	–
U	858	A farmer's wife and daughter making bread in the kitchen of a country home near Rättvik	4	–	6	–	–
U	844	Docks and shipping along the waterways of Gefle, one of the thriving lumber centers of Sweden	–	–	6	–	8
U	845	Market day in Ostersund — across the busy square to the wooded islands of Frösö, Jemtland	4	–	6	–	8
U	860	Riding home from Rättvik — a farmer's carriage on the road near the church	4	–	6	–	–
U	839	Vessels passing on the beautiful tree-bordered Södertelge Canal	–	–	6	–	8
U	873	A wind-power grist mill, with its great four-arm wheel, at Wisby	–	–	6	–	8
U	852	Lumbermen driving logs through a narrow channel alongside pier of a lake steamer, Leksand	–	–	6	8	8
U	876	Children of Sweden	4	–	6	–	–
U	874	A narrow street of Swedish homes	–	–	6	–	–
U	891	Steamer passing the wonderful locks in Gota Canal at Trollhättan	–	–	6	–	8
U	894	Göteborg, chief commercial port of western Sweden, from Lindholmen shipyards over the harbor	–	–	6	–	8
U	951	Families, friends and neighbors at the open-air meeting on Midsummer Eve (June 23), Leksand	4	–	6	–	8
U	863	Morning greetings, country house, Darlarne	4	–	6	–	8
U	939	Thrifty country folk, Jonkoping	4	–	6	–	8

Switzerland.

K	11572	Lauterbrunen	–	–	6	–	–
K	10708	Guide cutting steps	–	–	6	–	–
K	10752	Looking out of the Gorge of the Alpach	–	–	6	–	–
K	11571	A panorama of Alpine grandeur, Brunnen	4	–	6	–	–
K	10755	An Alpine road, Axenstrasse	–	–	6	–	8
K	10782	Up among the clouds, glaciers and snow fields	–	–	6	–	–
K	10702	Mountain chalet	4	–	6	–	–
K	10744	View of the Aar Gorge, showing iron galleries, Meiringen	–	–	6	–	–
K	6475	The village of Simplon, Switzerland, on the famous road built by Napoleon	–	–	6	–	–

K	6474	The yellow diligence of the Swiss Federal Poste ready for the ride over the pass, Switzerland	–	–	6	–	–
K	6471	A mountain torrent, Simplon Pass, Switzerland	4	–	6	–	–
K	6470	Houses of the sturdy Swiss people	4	–	6	–	8
K	6486	A general view of a room in a watch factory, Geneva, Switzerland	–	–	6	–	8
K	6487	Turning pivots and staffs with a hand lathe, Geneva, Switzerland	–	–	6	–	8
K	6490	Putting together the movement, Geneva, Switzerland	–	–	6	–	8
K	6491	Making the cases of the watches, Geneva, Switzerland	–	–	6	–	8
K	6129	The lace maker by the roadside	4	–	6	–	8
K	10799	Tinkling cowbells among the Alps	4	–	6	–	8
K	6130	The woodcarver, Meiringen	4	–	6	–	8
K	6477	A mountain shepherd and his flock	4	–	6	–	–
K	6469	A fishing boat on Lake Geneva	4	–	6	–	–
K	6472	Washday in a Swiss village	4	–	6	–	–
K	10777	Market day at Unterseen, Interlaken	4	–	6	–	8
U	1808	The Castle of Chillon, Lake Geneva	–	–	6	–	8
K	10758	Statue of William Tell, Altdorf, Switzerland	4	–	6	–	–
K	10791	Altdorf, Switzerland, scene of the exploits of William Tell,	4	–	6	–	8
K	10794	A little village in the Bernese Oberland, Switzerland	–	–	6	–	–
K	1850	The clock tower, Berne, Switzerland	–	–	6	–	–
U	1739	Zurich, the metropolis of Switzerland	–	–	6	–	–
U	1741	Lucerne and her beautiful lake	4	–	6	–	–
U	1743	The Lion of Lucerne	–	–	6	–	–
U	1745	An Alpine elevator to the clouds, Mt. Pilatus	–	–	6	–	8
U	1747	The backbone of Europe, from the summit of Mt. Pilatus (7,000 feet)	4	–	6	–	–
U	1756	The Swiss home and its home maker	4	–	6	–	–
U	1757	Ancient Thun and its lake, from the castle	4	–	6	–	–
U	1758	Interlaken and Jungfrau (13,670 feet)	–	–	6	–	–
U	1760	Staubbach Waterfall (nearly 1,000 feet) in beautiful Lauterbrunnen Valley	–	–	6	–	–
U	1761	Cloud-hidden heights and appalling depths — the Mönch, Eiger, and Lauterbrunnen Valley	–	–	6	–	–
U	1762	Murren, the loftiest of Switzerland's hamlets, and the Mönch and Eiger	–	–	6	–	–
U	1766	Immense glacier basin beneath the Fiescherhorn, looking through Grindlewald Gorge	–	–	6	–	–
U	1795	The Matterhorn	4	–	6	–	–
U	1880	Swiss hamlet near eternal snows — Saas-fee, the Fee glacier and the Alphuble	4	–	6	–	–
U	1786	The great Aletsch glacier — Marjeleh Lata	–	–	6	–	–
U	1802	Industry and simplicity — interior of a Switzer's mountain home, Sass-fee	4	–	6	–	–
U	1805	World-famed monastery and dogs, Great St. Bernard Pass	4	–	6	–	8
U	1810	Beautiful village of Montreux, on Lake Geneva	–	–	6	–	–
U	1814	Frightful Alpine precipices, looking from the Aiguille Rouge (Brévent) to Mt. Blanc	–	–	6	–	–
U	1825	Ascent of Mt. Blanc	–	–	6	–	–

Turkey.

Constantinople.

K	10960	One of the famous seven towers, Constantinople	–	–	6	–	–
K	10951	Constantinople, from the seven towers	–	–	6	–	–
K	10955	Mosque of Sultan Ahmed, Constantinople	–	–	6	–	–
K	10953	The famous Galata Bridge and Golden Horn	–	–	6	–	–
U	10567	"Step" street, climbing up from the Bosphorus, the middle class section	–	–	6	–	–
U	10568	World famed St. Sophia, the greatest of the 641 mosques of Constantinople	–	–	6	–	–
U	10571	Letter-writers' stands — a much patronized trade — from post office steps	–	–	6	–	–
U	10569	Group of shoemakers, where repairing is done while you wait	4	–	6	–	8
U	10570	Barbers grouped on the sidewalk, across from War Department grounds	4	–	6	–	8
U	10572	From firemen's watch tower, over St. Sophia (left) and Bosphorus into Asia	–	–	6	7	–
U	10573	On the Bosphorus looking north — Asia on right, Europe on left — above Constantinople	–	–	6	7	–
U	10574	The cosmopolitan on the bridge over the Golden Horn	–	–	6	7	–

AFRICA.

Algeria.

U	10659	Principal European street in Algiers, looking toward the heights	4	–	–	7	–
U	10660	Algiers and its zigzag viaduct from the Mediterranean waterfront	–	–	–	7	–
U	10661	On the famous zigzag terrace above the quay, overlooking Algiers	–	–	–	7	8
U	2507	Market scene, Algiers	4	–	–	7	8
U	2508	Place du Government and Mosque el Djedid, Algiers	–	–	–	7	–
U	2509	Arab women in their street costumes, Algiers	4	–	–	7	–
U	2510	An Algerian home	4	–	–	7	–

British South Africa.

U	2711	Cape Town and Table Mountain, west from foot of Signal Hill, South Africa	–	–	–	7	–
U	2730	Main street, looking south, to Town Hall, Port Elizabeth,	–	–	–	7	–
U	2732	Among the African employees. Rest hour in the De Beers Diamond Mining Compound, Kimberly	–	–	–	7	8
U	2733	Kimberly, where Cecil Rhodes was besieged, looking northwest from De Beers Diamond Mine	–	–	–	7	–
U	2734	Sorting the rough diamonds, De Beers Mine, Kimberly	4	–	–	7	8
U	2737	Precipitating vats, extracting gold from the ore, Robinson mine, Johannesburg	–	–	–	7	8
U	2738	In the great ore-crushing mill of the Robinson mine — the richest gold mine of Johannesburg	–	–	–	7	8

Congo Free State.

U	9947	Leopoldville, on Stanley pool, most important trade center of the Congo Free State	–	–	–	7	–
U	9949	Ndombe, chief of a tribe of 100,000, with part of his family	–	–	–	7	–
U	9951	Bringing to a trading post crude rubber rolled into balls, Djoko Punda	4	–	–	7	8
U	9953	Lukolela Wood Post, a new river settlement almost on the equator	–	–	–	7	–
U	9955	Women laborers in a banana field, state plantation, Irebu Camp	4	–	–	7	–
U	9958	Upoto man making fish net for use in the Congo river	4	–	–	7	–
U	9961	Tying poles together with vines, making frames for new houses	4	–	–	7	–
U	9970	Canoes at Yakusu, near head of Congo steamer navigation	4	–	–	7	–
U	9977	Market near Wathen, with Bakongo vendors and frequenters	4	–	–	7	8
U	9971	Turumu village and people in a forest clearing near Yakusu	4	–	–	7	–

East African Hunting Trip.

U	10470	Eternal snow amid equatorial jungles, Kilimanjaro (19,700 feet), Africa's highest peak (southwest)	4	–	–	7	8
U	10472	House building by Masia women, their husbands looking on	4	–	–	7	–
U	10474	Ceremony, honoring a chief's son who has killed a lion with a spear	4	–	–	–	–
U	10476	Swahili girls dressing their hair, Zanzibar	4	–	–	7	–
U	10477	Swahili women masked, holding a fetich that keeps off devils, Zanzibar	4	–	–	–	–
U	10482	Ivory on the way from the jungle to America, main street, Mombasa	4	–	–	7	8
U	10481	Picking coffee in Moschi province	4	–	–	–	8
U	10483	Fleet game and crude weapons of the jungle — a hunter's camp	4	–	–	7	–
U	10541	Masai families and flocks near Lake Naivasha, on the plains of East Africa	–	–	–	–	8
U	10542	Sunrise exodus of the cattle from a Masai kraal at base of Mt. Kenia	–	–	–	–	8
U	10544	Grinding corn — Kikuyu women, decorated with beads and brass wire — Mt. Kenia district	4	–	–	7	8
U	10546	King Wambuggo and his sixteen wives, the royal family of the Wa-Kikuyu	–	–	–	7	–
U	10548	A Kikuyu warrior buying a wife from her father, the King (payment in goats)	–	–	–	7	–
U	10550	Maidens of a Kikuyu tribe planting beans; warriors on police duty	4	–	–	–	–
U	10559	The beginning of the historic Nile, flowing from Victoria Nyanza	4	–	–	7	8

U	10561	Huge crocodile just landed beside the upper Nile	4	–	–	7	–
U	10562	A beautiful waterfall under the equatorial sun, Mt. Kenia district	4	–	–	7	8
U	10564	Under giant bamboo grasses in equatorial Africa	4	–	–	7	8
U	10566	Hunter's camp with thorn bush fence protection from lions — cooking dinner	4	–	–	7	–

Egypt.

K	9711	First cataract of the Nile	4	–	–	7	8
K	9812	Inundation of the Nile	4	–	–	7	8
K	6241	The great dam from below, Assuan, Egypt	–	–	–	7	8
K	9808	The palm-fringed Nile	4	–	–	7	8
K	6235	The family conveyance, Egypt	4	–	–	7	8
K	9787	Bedouin of the desert	4	–	6	7	8
K	9733	Bishareen Arab camp, Assuan, Egypt	4	–	–	7	–
K	9815	Mohammedan woman and child	4	–	–	7	–
K	9715	Arabic school, learning the Koran	4	–	6	7	–
K	9791	A typical donkey boy of Cairo	4	–	–	7	–
U	2518	Pompey's Pillar, the sailor's landmark, and modern Alexandria, north toward the sea	–	–	–	7	8
U	2522	A "ship of the desert" passing tombs of bygone Moslem rulers, outside, east of Cairo	4	–	–	7	8
U	2519	Cairo, home of romance, northwest from Saladin's citadel to Nile	4	–	–	7	8
U	2525	The Holy Carpet parade with the Mahmal, before the departure of the pilgrims for Mecca — Cairo	–	–	–	7	–
U	2534	The great Pyramid of Gizeh, a tomb of 5,000 years ago (from southeast)	4	–	6	7	–
U	2537	From the summit of the Great Pyramid, east, over Nile valley	–	–	–	7	8
U	2544	The great Sphinx of Gizeh, the largest royal portrait ever hewn	4	–	6	7	–
U	2546	The earliest occupation of men and the first attempt at a pyramid — Sakkarah	4	–	–	7	8
U	2550	Dahabiyehs on the river ready for the journey to the upper Nile	4	–	6	7	8
U	2551	Watching a sand whirlwind from top of Hawara Pyramid (southeast)	4	–	6	7	8
U	2552	An Egyptian shaduf, the oldest of well sweeps, lifting the Nile waters to the thirsty fields	4	–	6	7	8
U	2553	An Egyptian sakieh or ox-driven bucket pump, raising water for irrigation	4	–	6	7	8
U	2554	"Thou shalt not muzzle the ox when he treadeth out the corn" — (threshing)	4	–	–	7	8
U	2555	The winnowing of the grain after threshing — field work of peasants	4	–	–	7	8
U	2556	Brick-making — the task of the Hebrews as seen to-day at Crocodilopolis	4	–	–	7	8
U	2564	Across the plain of Thebes and past the Memnon statues, from the western cliffs toward Luxor	–	–	–	7	8

U	2569	Grand Avenue of Rams, one of the southern approaches to the temple of Karnak, Thebes	–	–	–	7	–
U	2580	Records of Shishak, who captured Jerusalem, relief at Karnak, Thebes	–	–	–	7	–
U	2597	Walled city of El Kab, ancient capital of upper Egypt, southwest, from the door of a cliff tomb	–	–	–	7	–
U	2598	The pylon and court of the Temple of Horus at Edfu (looking east to the Nile)	–	–	–	7	–
U	2601	Assuan and the Island of Elephantine (south), from the western cliffs of the cemetery	–	–	–	7	–
U	2608	The great Assuan Dam, northwest from the first pylon of Philæ Temple	–	–	–	7	8
U	2606	Philæ, the "Pearl of Egypt," the templed island now doomed to destruction. View south	–	–	–	7	8
U	2610	Kasr Ibrim (the fort of Ibrim) and a Nile vista to the north northeast in lower Nubia	–	–	–	7	8
U	2611	The grotto temple of the Abu Simbel, seen northwest from a boat on the Nile	–	–	–	7	–
U	2612	The sixty-five foot portrait statues of Rameses II.	–	–	–	7	–
U	2615	Second cataract of the Nile from the southwest, the first obstruction to navigation for 1,000 miles	4	–	–	7	9

ASIA.

Burmah.

U	9013	East Bazaar road, with porters going on errands and children at play, Rangoon	4	–	–	7	8
U	9015	Coolies unloading rice boats from the up-country districts, Rangoon	–	–	–	7	8
U	9025	Largest Buddhist statue on earth (181 feet). The Teacher finding Peace in Death	–	–	–	7	–
U	9027	Four hundred and fifty pagodas, treasuring copies of Buddhist scriptures, Mandalay	–	–	–	7	–
U	7663	Schoolboys and their priestly teacher having lessons out of doors beside the Irrawaddy	4	–	–	7	–
U	9034	Native mining, digging the rich ruby-bearing gravel from the river bed, in Mogok	4	–	–	7	8
U	9039	Native shop and varied types of customers near Mogok	4	–	–	7	–
U	9047	Hauling timber with bullocks and buffaloes from Irrawaddy river, near Pagan	4	–	–	7	8
U	9049	A tamarind market with leisurely frequenters before the glittering spires of Pagan	4	–	–	7	8
U	9052	Timber craft coming down the Irrawaddy river — the floating home of a group of natives	4	–	–	7	8

Ceylon.

U	3722	Coolie tea pickers at work in the beautiful Nanuoya valley, near Nuwara, Eliya	4	–	–	7	8
U	3725	Curious roots and trunk of the india rubber tree, Peradeniya Gardens, near Kandy	4	–	–	7	8

U	3735	Beautiful work from crude tools — native goldsmith, Kandy	4	–	–	7	8
U	3737	Devil dancers — ceremonies used by demon worshipers in cases of sickness, Kandy	4	–	–	7	8
U	3743	Coolies picking coffee on Sir Thomas Lipton's estate at Dambutenne	4	–	6	7	8
U	3744	Giant of the tropical jungles; riding a huge elephant — interior Ceylon	4	–	–	7	8
U	12101	Colombo harbor from landing jetty	4	–	6	7	8
U	12102	A Colombo street, Ceylon	4	–	–	7	8
U	12106	Arrival of the "Sultan of Twelve Thousand Isles," Colombo	–	–	–	7	–
U	12103	Hindoo temples, Colombo	4	–	–	7	–
U	12104	A Buddhist shrine, the pagoda, Cotta Temple, Colombo	–	–	–	7	–
K	6948	Singhalese children	4	–	–	7	–
K	6949	The cobra, full length view	4	–	–	7	8
K	12109	Washing bullocks in the lake at Colombo, Ceylon	–	–	–	7	8
K	12107	A Colombo laundry	4	–	–	7	–
K	12112	Native women making rice flour	4	–	–	7	–

Elephant Series.

U	3746	Elephant carrying a half-ton kitul palm log (used for his own fodder), Ceylon	4	–	–	7	8
U	3751	Tame elephant breaking down timber in stockade after "drive in," — "kraal" of 1902, Ceylon	–	–	–	7	8
U	3752	Above the herd of wild elephants inside the stockade — great "kraal" of 1902, interior Ceylon	–	–	–	7	8
U	3755	An elephant mother six months after capture and her babe one month old, Ceylon	4	–	–	–	–

China.

K	6296	Large fortress house, Ming Chiang district, China	4	–	–	–	–
K	6289	Group of Chinese children	4	–	–	7	–
K	6291	Two bridal couples, China	–	–	–	7	–
K	6294	Chinese musicians playing at a wedding feast, Foochow	4	–	–	7	–
K	6295	Boat woman rowing Chinese boat, on stern of boat	4	–	–	7	8
K	12007	Chinese school children and teacher, Peking	4	–	–	7	–
K	6306	A little boy by the wayside, with sugar cane to sell, China	4	–	–	7	–
K	6597	Children of Manchuria	4	–	–	7	–
K	6587	A Chinese farmer and his mount before a Mukden store, Manchuria	4	–	–	7	8
K	6560	A typical Manchurian village and home	4	–	–	7	8
K	6274	Cargo boats on the Bund, Foochow, China	4	–	–	7	8
K	6275	Sea-going junks and river boats, River Min, Foochow, China	4	–	–	7	8
K	6278	Itinerant Chinese barber	4	–	–	7	–
K	6285	Sawing and splitting wood	4	–	–	7	8
K	6297	A water-wheel rice mill, China	4	–	–	7	8
K	12026	Chinese water carriers, Tientsin	4	–	–	7	8
K	12028	Chinese coolies	4	–	6	7	8

K	12014	A Chinese sawmill, Peking	4	–	–	7	8
K	6631	Chinese farmer boys tilling soil near Port Arthur	4	–	–	7	8
K	6581	Sheep grazing on the Mukden battle ground, Manchuria	4	–	–	7	8
K	12021	Joss bell	4	–	–	7	–
K	12025	A Chinese cemetery, Tientsin	4	–	–	7	–
K	6138	Chinese village and cart, Port Arthur, Manchuria	4	–	–	7	8
K	6139	Chinese department store, Chifu, China	4	–	–	7	8
K	6273	Street scene, Foochow, China	4	–	–	7	8
K	6277	Ancestral tablets, Foochow, China	4	–	–	–	–
K	6588	The "New Town," Port Arthur, Manchuria	4	–	–	7	8
K	6617	Street scene, Mukden, Manchuria	–	–	–	7	8
K	6575	Principal street in Russian quarter, Dalny, Manchuria	–	–	–	7	8
K	6627	Chinese cavalry, Mukden, Manchuria	4	–	–	7	8

India.

K	6263	A glimpse of the lake, Mt. Abu, India	–	–	–	7	–
K	6270	Prospect hill from the Mall, Simla, India	–	–	–	7	–
K	6946	A Brahmin girl, Tanjore, India	4	–	–	7	–
K	6947	Parsee women, India	–	–	–	7	–
K	6267	A sweet "Wallah," Jeypore, India	4	–	–	–	–
K	6266	A bread "Wallah," Jeypore, India	4	–	–	–	–
K	12536	Amber square, Jeypore, India	–	–	–	7	–
K	12516	A water carrier, Mt. Abu, India	4	–	–	7	–
K	6264	Rajputs at home, Jeypore, India	4	–	–	7	–
K	6262	The palace of the Rajah, Mt. Abu, India	–	–	–	7	–
K	6269	The bazaar, Simla, India	4	–	–	7	8
K	12534	The Pearl Mosque, Agra, India	4	–	–	7	–
K	12547	Buffaloes bathing in the Juma, Delhi, India	4	–	–	7	–
K	12519	Washday, Srirangham, South India	4	–	–	7	–
K	6261	The Esplanada, Bombay, India	–	–	–	7	8
K	6260	A market scene, Bombay	4	–	–	7	8
K	12501	Madras and harbor	4	–	–	7	8
K	12524	Market street, Madras	4	–	–	7	8
K	12502	The rock and temple, Trichinopoly	–	–	–	7	8
K	6272	The market place, Trichinopoly	4	–	–	7	8
K	12525	At the fountain, Trichinopoly	–	–	–	7	–
K	12526	A characteristic scene, in Madura	4	–	–	7	8
U	3421	The most magnificent railway station in the world, Bombay	4	–	–	7	8
U	3523	Parsees worshiping the new moon — view east to B. B. & C. I. Railway Building, Bombay	–	–	–	7	–
U	3429	Primitive native life of India — Hindoo women grinding at the mills, Mt. Abu	4	–	–	7	–
U	3458	India of to-morrow — handsome schoolboys of Amritsar, at the Golden Temple beside the Holy Tank	4	–	–	7	–
U	3446	Rival pot-sellers in the "chatty" market, Lahore; bargains for thrifty housewives	4	–	–	–	–
U	3447	Crossing the boiling floods of Jhelum river by a bridge of one rawhide rope, at Uri	4	–	–	7	8
U	3449	An earthly paradise — the world-famous Vale of Cashmere, watered by the winding Jhelum	4	–	6	7	8

U	3452	Shelling rice, and gossiping with the neighbors — home life of contented citizens of Cashmere	4	–	–	7	–
U	3453	Humble shawl weavers at Cashmere patiently creating wonderful harmonies of line and color	4	–	–	7	8
U	3589	Children playing "Hop–Scotch" in Srinigar, Cashmere	4	–	–	–	–
U	3460	Simla, the beautiful Himalayan mountain resort, from the highway to Kalka	4	–	–	7	8
U	3463	Inflating bullock-skin boats for crossing the swift Himalayan river, Sutlej	4	–	–	–	8
U	3518	Nepalese porter-girls who carry luggage many miles for two pence — Darjeeling	4	–	–	7	8
U	3622	Bhutanese milkman with curious bamboo jars, at the public water fountain, Darjeeling	4	–	–	7	–
U	3520	Up to the everlasting snows of Mt. Kinchinjanga (28,156 feet), 45 miles north from Darjeeling	4	–	6	7	8
U	8453	Among the aerial roots of a single banyan tree 1,000 feet in circumference, Calcutta	4	–	–	7	8
U	3503	Grasses at whose feet men are like insects — enormous bamboos in Botanical Gardens, Calcutta	4	–	–	7	8
U	3491	A burning ghat on the Ganges, at Benares	–	–	–	7	–
U	3473	A marvel of beauty — looking north to the Taj Mahal, marble tomb of a Mogul queen, Agra	4	–	–	7	–
U	3474	Most beautiful marble seen in the world, around imperial sarcophagi, Taj Mahal, Sikandarah	4	–	–	7	–
U	3606	Marvelously inlaid gateway to tomb of Akbar, Mogul emperor of the sixteenth century, Sikandarah	–	–	–	7	–
U	3480	Akbar's tomb, Sikandarah (Kohinoor was once set in a pillar beyond kneeling man)	–	–	–	–	8
U	3465	Curiously rigged camel wagons, east of largest Mohammedam mosque in the world, Delhi	4	–	–	7	8
U	3466	Looking north from a minaret of the greatest mosque in the world over the famous city of Delhi	4	–	–	7	–
U	3433	How beauty takes the air — Indian "reet" or bullock carriage used by ladies of rank, Ulwar	4	–	–	–	–
U	3435	North from Sanganir Gate, up Jauhri Bazaar, a typical business street in prosperous Jaypore	–	–	–	7	–
U	3512	A car of Jagannath in which the Hindu god Krishna rides, drawn by worshipers, Tanjore	4	–	–	7	–
U	3645	Inconceivable elaboration of Madura's Hindu temple — two of its nine pagodas	–	–	–	7	–
U	3477	Sugar-cane, mangoes, all sorts of vegetables for a song — hucksters in market (north), Agra	4	–	–	–	8
U	3602	A "joara" (well) with bullocks hauling water for irrigation of fields, north of Agra	4	–	–	7	8
U	3682	Bowing in prayer toward Mecca. India's greatest mosque, Delhi	–	–	–	7	–

Japan.

U	3840	Greetings for newcomers on the pier alongside the Pacific Mail Steamship "China" at Yokohama	4	–	–	7	8

U	3842	Big sisters and little brothers in the Land of the Rising Sun, Yokohama	4	–	–	7	–
U	3843	Schoolhouse and grounds with little folks playing, Yokohama	4	–	–	7	–
U	3845	A Japanese blacksmith at his forge, Yokohama	4	–	–	7	–
U	3846	Fishing boats coming home at sunset — west, across Tamagawa to Kawasaki, near Yokohama	4	–	–	7	8
U	3847	Peasants cutting millet — looking eastward across field to farmhouses, near Yokohama	4	–	–	7	8
U	3850	Majestic calm of the great bronze Buddha reverenced for six centuries (facing southwest), Kamakura	–	–	–	7	–
U	3848	Farmers with bamboo rakes spreading millet on mats to dry for winter, near Yokohama	4	–	–	7	8
U	3852	Pilgrim beggars beating little gongs — house covered with drying corn, near Lake Kawaguchi	4	–	–	7	8
U	3853	Snow-capped Fuji, the superb (12,365 feet), mirrored in the still waters of Lake Shoji — looking southeast.	4	–	–	7	8
U	3857	Two miles above the clouds —from summit of Fujiyama, northeast, over Lake Yamamaka, ten miles away	–	–	–	7	8
U	3859	West from Nihom bashi (bridge) along canal crowded with freight toward center of Tokyo	–	–	–	7	8
U	3860	Burden bearers of Japan — a street scene in Tokyo	4	–	–	7	8
U	3862	The warlike spirit of the youthful Japanese schoolboys in Ueno Park, Tokyo	4	–	–	7	–
U	3867	Charming geishas at dinner — the correct serving of a Japanese meal, Tokyo	4	–	–	7	–
U	3869	Worshipers, vendors and doves, at south front of Asakusa Tower. Tokyo	–	–	–	7	–
U	3870	Watching a free show, on Theatre street — looking north to Asakusa Tower, Tokyo	–	–	–	7	–
U	3871	Flower lovers lunching under beautiful wistaria arbors — north from round bridge, Kameido, Tokyo	4	–	–	7	–
U	3875	Little folks on their playground before the quaint village school house, Karuizawa	4	–	–	7	–
U	3877	A sudden terrific volcanic explosion — smoke, steam and stones thrown from the crater of Asamayama	4	–	6	7	8
U	3879	Peasant praying before long row of images of the God of Light — south bank Daiya river (east), Nikko	–	–	–	7	–
U	3883	Japanese lady in a yama-kago (mountain chair) crossing the torrential Daiya river, near Nikko	4	–	–	7	8
U	3885	A picturesque toiler of the sea with his curious fishing net, Bay of Matsushima	4	–	6	7	8
U	3887	Wayfarers resting under the pines at Suzukawa — west along old post road from Tokyo to Kyoto	–	–	–	7	8
U	3889	Girl sleeping between wadded "futons" with head on a wooden support — tea-house, Hikone	4	–	–	7	–
U	3891	Mid-summer traffic under the awning of Shijo-bashidori (west), a busy thoroughfare of Kyoto	–	–	–	7	8
U	3894	Devout woman stroking a bronze bull to cure rheumatism — Kitano Tenjin Temple, Kyoto	–	–	–	7	–

U	3896	O-hayo (good-morning) — greetings of pretty damsels in Kinkakuji Temple Garden, Kyoto	4	–	–	7	–
U	3898	A family of middle class picnicking under the cherry blossoms, Omuro Gosho (east to pagoda), Kyoto	4	–	–	7	–
U	3901	"Choose a rod from the jar at left and have your fortune told by this seer" — Inari Temple, Kyoto	–	–	–	7	–
U	3902	A gay Shinto procession carrying sacred objects — east, over bridge to Imperial Museum, Kyoto	–	–	–	7	–
U	3906	A potter and his wheel, fashioning a case of Awata porcelain — in the famous Kinkosan works, Kyoto	4	–	6	–	–
U	3907	Workmen watching kilns full of precious Awata porcelain, in the famous Kinkosan works, Kyoto	4	–	6	–	8
U	3908	Expert workmen creating exquisite designs in cloisonné (Mr. Namikawa in background), Kyoto	–	–	–	7	8
K	14812	Fuji, from the most perfect viewpoint	4	–	6	7	8
K	14778	Onomichi and a charming bit of the far famed inland sea	–	–	–	7	8
K	20671	Iwa Kurie Bridge, one of the sights of Japan	–	–	–	7	8
K	14831	Ancient crater of Aso, the largest in the world, Japan	4	–	6	7	8
K	14712	Japanese threshing machine in full swing, Shezuoka, Japan,	4	–	–	7	8
K	14714	Farm yard in harvest time. Drying the precious grain	4	–	–	7	8
K	14020	Typical Japanese mountain home	4	–	–	7	8
U	3916	Charming youth and hoary age — a fair devotee counting the stone lanterns, Kasuga, Nara	–	–	7	–	–
U	3922	Beautiful stone lanterns at Suniyoshivotive, offerings to the Gods of the Sea (north), Osaka	4	–	–	–	–
U	3924	Impressive funeral procession of a rich Buddhist, on road to Sakai — looking northeast to Osaka	–	–	7	–	–
U	3926	A street performer amusing the crowd, Kobe	–	–	7	–	–
U	3927	A silvery path over the Inland Sea — looking west from a boat off Harima shore	–	–	–	7	8
U	3931	Thrifty farmers' wives heading barley by pulling it through iron combs, near Iwakuni	4	–	–	7	8
U	3936	Watching an eruption of steam and boiling mud half way up the volcano Aso-San	4	–	6	7	8
U	3938	Looking north over vessels in harbor to fortified hills that defend the port of Nagasaki	–	–	–	7	8
K	14019	A typical farmer in raincoat and hat	4	–	–	7	–
K	14045	A tea house in Japan	4	–	–	7	–
K	14721	Meal time at a Japanese hotel. Meals are always served in the guest's room	4	–	–	7	–
K	14038	Goodbye. An afternoon call in Japan	4	–	–	7	–
K	6137	Japanese woman and children. Showing method of carrying latter	4	–	–	7	–
K	14060	Japanese school children	4	–	–	7	–
K	6612	A schoolroom, Japan	4	–	–	7	–
K	14709	Shinto priests, Kuno San	4	–	–	7	–
K	14708	Daishi Sama, one of Japan's many temples	–	–	–	7	–
K	14775	The five storied pagoda of Myajima	–	–	–	7	–
K	14066	Overlooking the harbor of Yokohama	4	–	6	7	8
K	14032	Tokyo, the Japanese capital	4	–	–	7	8

K	14014	Street scenes at Nara	–	–	–	7	8
K	14026	In the public garden, Osaka	–	–	–	7	8
K	20676	Shipping at Osaka	–	–	–	7	8
K	6356	Shakuhachi players, streets of Kyoto, Japan	–	–	–	7	8

Shoemaking.

K	14839	Manufacture of native clogs—using the plane, Japan	4	–	–	7	–
K	14840	Manufacture of native clogs—using the chisel, Japan	4	–	–	7	–
K	14841	Manufacture of native clogs—attaching the thongs, Japan	4	–	–	7	–
K	14842	Manufacture of native clogs—the finishing touches, Japan	4	–	–	7	–

Pottery.

K	20677	Grinding crude clay, Kyoto	–	–	6	7	8
K	20645	Mixing and refining clay, Kyoto, Japan	–	–	6	7	8
K	20615	Drying the refined clay	–	–	6	7	8
K	20616	Expert workmen shaping objects on wheel	4	–	6	7	8
K	20649	Making vases	4	–	6	7	8
K	20618	Hand painting pottery	4	–	–	7	8

Bronze.

K	20619	Shaping designs out of wax before moulding	4	–	6	7	8
K	20657	The moulding process	4	–	6	7	8
K	20620	Filing and polishing a large piece after moulding	–	–	6	7	8
K	20658	A workshop in which small art pieces are made	–	–	6	7	8
K	20659	Filing and polishing a large piece after moulding, near view, Japan	4	–	6	7	8

Paper.

K	14743	Cleaning mulberry bark from which Japanese paper is made	4	–	–	7	8
K	20642	Dipping and drawing pulp of mulberry bark to form sheets of paper	4	–	–	7	8
K	20643	Hanging the paper to dry	4	–	–	7	8
K	20644	Drying paper on the streets	4	–	–	7	8

Rice.

K	14063	Overlooking the rice fields	4	–	–	7	8
K	14729	Bull plow. Preparing the rice field	4	–	–	7	8
K	14730	Rice planters at work	4	–	–	7	8
K	14789	Cutting straw close to the ground	4	–	–	7	8
K	14791	Showing method of pulling grain from the stem	4	–	–	7	8
K	14794	Baling rice in the rice fields	4	–	–	7	8
K	14818	Homeward bound with rice	4	–	–	7	8
K	14817	After the rice harvest	4	–	–	7	8
K	14833	Eating rice with chopsticks	4	–	–	7	–
K	14012	Japanese girls at work in rice fields	4	–	–	7	8
K	6134	Preparing a rice field for planting. Showing method for guiding horse	4	–	–	7	8

U	3913	Plowing flooded ground for rice planting — north from main highway at Uji, near Kyoto	4	–	–	7	8
U	3914	Patient laborers transplanting rice — shoots on a farm in beautiful interior of Japan — near Kyoto	4	–	–	7	8

Tea.

K	14710	Tea on the uplands	4	–	–	7	8
K	14008	Gathering tea	4	–	–	7	8
K	6135	Coming home from the tea field, Japan	4	–	–	7	8
K	14737	Firing tea	4	–	–	7	8
K	14738	Selecting tea leaves	4	–	–	7	8
K	14739	A country girl among the tea fields	4	–	–	7	8

Silk.

K	14744	Gathering mulberry leaves for silkworms, Japan	4	–	6	7	8
K	14745	Picking special mulberry leaves for infant silkworms, Japan	–	–	6	7	8
K	14746	Silkworm incubator, Japan	4	–	6	7	8
K	14747	Tray full of worms	4	–	6	7	8
K	14748	Feeding mulberry leaves to young worms	4	–	6	7	8
K	14749	Making nests for the silkworms	4	–	6	7	8
K	14750	Silk cocoons in their nests	4	–	6	7	8
K	14751	Separating cocoons from their nests	4	–	6	7	8
K	14752	Native silk-spinning plant	4	–	6	7	8
K	14753	Reeling silk from the cocoon	4	–	6	7	8
K	14754	A large native silk-weaving plant	4	–	6	7	8
K	14755	Drying room of extensive silk-weaving plant	4	–	6	7	8
K	14758	Spindle room of silk-weaving plant	4	–	6	7	8
K	14756	Selling cocoons	4	–	6	7	8
K	14757	One of Japan's largest silk-weaving mills	4	–	6	7	8
K	20621	Mammoth plant of the Mitsui Company, Maebashi. Boiling cocoons and reeling silk	4	–	–	7	8
K	20623	As precious as gold. Weighing raw silk on delicate scales, Japan	–	–	–	7	8

Varied Industries.

K	20680	Making straw mats	4	–	–	7	8
K	20668	Boat building in Japan	4	–	–	7	8
K	14711	Reaping wheat with sickles	4	–	–	7	8
K	20652	Artists painting designs	4	–	–	7	8
K	14740	Fishing, Japan	4	–	6	7	8
K	20641	Japanese sawmill	4	–	–	7	8
U	3910	Pretty factory girls decorating cheap pottery for foreign markets, Kyoto	–	–	–	7	8
U	3912	Exciting experience of men on a log-craft, shooting the Hozu Rapids on the Katsura, Kyoto.	4	–	–	7	8

Java and Straits Settlements.

U	9060	The center of traffic — Singapore river and Kavanagh Bridge, from surveyor's office, Singapore	4	–	6	7	8

U	9064	Pier at Tandjong-Priøk, from a steamer's deck — arrival at Batavia, capital of Java	–	–	6	7	8
U	9067	Gang Patganongen, an important street in the Chinese district, Batavia	–	–	–	–	8
U	9068	One of the many public laundries along the banks of the Molenfleit Canal, Batavia	4	–	–	7	–
U	9072	From Hotel Bellevue, Buitenzorg, southwest, over forest of cocoanut palms to volcanic Mt. Salak	4	–	–	7	8
U	9083	Javanese, the native inhabitants of eastern Java, near Villadolce Hotel, Garoet	4	–	–	7	–
U	9085	Soldiers crossing stream during maneuvers — flooded rice-fields in foreground — Garoet	4	–	–	7	8
U	9087	Native vendors, ragged and dirty, awaiting arrival of the train at the station, Brambanam	4	–	–	7	8

Korea.

K	14084	A happy family in a thatched hut of a Korean peasant	4	–	–	7	–
K	14082	A Korean nabob, his servant and his donkey, Seoul	–	–	–	7	–
K	14079	Seeing the sights in a sedan chair, Seoul	4	–	–	7	–
K	14083	A Korean out for riding	–	–	–	7	–
K	14078	Grinding beans, on the streets of Seoul	4	–	–	7	–
K	14076	White-robed pottery peddlers, Seoul	–	–	–	7	8
K	14081	A Korean farmer plowing	4	–	–	7	8
K	6142	A Korean bull cart	4	–	–	7	8
K	14080	A pack train loaded with wood	4	–	–	7	8
K	20603	A Korean farmer with load of grass for market	4	–	–	7	8
K	14074	Bird's-eye view of Seoul	4	–	–	7	8
K	14075	Independence arch and Peking pass, Seoul	–	–	–	7	8

Syria.

U	3081	The Bazaar of Jaffa	–	–	–	7	8
U	3087	Plowing in the valley of Ajalon	4	–	–	7	8
U	3092	Cattle market day in the Lower Pool of Gihon, Valley of Hinnom, Jerusalem	4	–	–	7	8
U	3098	Christian street — motley life in the Holy City's bazaar district — Jerusalem	4	–	–	7	8
U	3119	A barley harvest, near Bethlehem of Judea	4	–	–	7	8
U	3124	On the north shore of Dead Sea — looking southwest	4	–	6	7	8
U	3127	Mountains of Judea, from the Plain of Jericho	4	–	–	7	8
U	3132	Gathering tares from wheat in the stony fields of Bethel (looking south)	4	–	–	7	8
U	3199	Women grinding at the mill	4	–	–	7	–
U	3164	Fishermen on the Sea of Galilee, and distant hills of the Gadarenes	4	–	–	7	–
U	3174	The mightiest building stone ever cut, ruins of Baalbek, Syria	–	–	–	7	8
U	3178	The inner court of a Damascus home, Syria	4	–	–	7	–
K	11052	The Jordan valley and plain of Jericho	4	–	6	7	8
K	11107	Afloat on the Dead Sea	4	–	6	7	8
K	11132	Cedars of Lebanon, Syria	–	–	–	7	8

K	20703	Sheik Rached and Body Guard	–	–	–	7	–
K	11073	Young girls of Nazareth	4	–	–	7	–
K	6149	A Bedouin bride	4	–	–	7	–
K	11065	A feast in Palestine	4	–	–	7	–
K	20702	Music schools, Syria	4	–	–	7	–
K	6382	Father and two children. Shows the costume, Palestine	4	–	–	7	–
K	6384	A typical family on the eastern shore of Sea of Galilee	4	–	–	7	–
K	11071	The threshing floor of Nazareth, Palestine	4	–	–	–	8
K	11098	Native weaver at work	4	–	–	7	8
K	6390	Native method of cooking on clay stoves. Charcoal used for fuel	4	–	–	–	8
K	6153	Entering the east gate of Damascus, Syria	–	–	–	7	8
K	6154	A typical Damascus street, Syria	4	–	–	7	8
K	11028	Bird's-eye view of Jerusalem	4	–	–	7	8
K	6378	Courtyard of an old khan, showing loaded caravan	4	–	–	7	8
U	3392	The cedar forest around Beyrout	–	–	–	7	8
U	3407	Ceremony of building the settlement of a Syrian house	4	–	–	7	–
U	3408	Mosque in the Court of the Hospice, for pilgrims to Mecca, Damascus	–	–	–	7	–
U	3409	A caravan camp at old Damascus	4	–	6	7	8
U	3411	An Oriental turning lathe — a chairmaker at work, Damascus	4	–	–	7	8
U	3412	A sword maker of Damascus — whose swords were once considered the finest in the world	–	–	6	7	8
U	3413	Crude makers of beautiful goods — making the famous inlaid pearl work, Damascus	4	–	–	7	8
U	3414	One of the open bazaars of Damascus	4	–	–	7	8
U	3417	A Syrian home with its guest chamber, the large upper room	4	–	–	7	8

AUSTRALASIA, ETC.

Australia and New Zealand.

U	10230	A busy morning on Barrack street, in Perth, the capital	4	–	–	7	–
U	10231	King William street, south toward Post Office (at right), Adelaide	4	–	–	7	–
U	10234	Sedate flamingoes in conference in a quiet corner of the Zoo, Adelaide	4	–	–	7	–
U	10236	Hillside gardens of wealthy citizens on Mt. Lofty, Adelaide's beautiful suburb	4	–	–	7	–
U	10238	The fashionable shopping district, Collins street, at Swanston street, Melbourne	–	–	–	7	–
U	10245	A boxing kangaroo, one of Australia's famous "old men," in the Zoo, Melbourne	4	–	–	7	–
U	10252	Washing butter in a model factory (a ton of butter in sight), Melbourne	4	–	–	7	8
U	10253	Diving at St. Kilda baths, largest in the world (palings keep out sharks)	4	–	–	7	–
U	10254	Where a sheep is shorn in five minutes by electrical machinery, Newmarket	4	–	–	7	8

U	10255	Dalgetty's salesrooms, where wool buyers come from all parts of the world	4	–	–	7 8
U	10257	Four thousand sheep changing pasture during a dry season,	4	–	–	7 8
U	10259	Reaping oats, part of the commonwealth's 13,611,987 bushels, Koroit, Victoria	4	–	–	7 8
U	10260	Where tons of luscious fruit ripen in the southern sun, west from Tower Doncaster	4	–	–	7 8
U	10261	Power plant and quartz refuse at one of Ballarat's gold-mines, town at northwest	–	–	–	7 –
U	10265	The circular quay where ocean steamships, freighters and pleasure boats meet, Sidney	–	–	–	7 8
U	10314	At eventide on Lake Rotorua, a Maori belle in kiwa feather cloak	–	–	–	7 –
U	10315	The geyser basin and Rotorua Lake from the mountain at Whakarewarewa	4	–	–	7 –
U	10316	Where the world's fiery heart still burns — boiling pool of Pehutu geyser	–	–	–	7 –
U	10274	Ostriches on a farm near Sidney, with outlook over the Tasman Sea	4	–	–	7 –
U	10275	Sons of Australia's aboriginal huntsmen and warriors, with their boomerangs	4	–	–	7 –
U	10276	Boomerangs in mid-air, on the curving flight which will bring them back to the thrower, New South Wales	4	–	–	7 –
U	10281	Entrance to the "Marguerita Chamber," veiled by stalactite draperies, Jenelan, New South Wales	–	–	–	7 –
U	10283	How Mr. Cottontail goes to market — 1200 rabbits on way to freezing plant, New South Wales	4	–	–	7 –
U	10284	Fourteen-ox-team hauling wool, — a typical sight in New South Wales	4	–	–	7 8
U	10287	Brisbane, east from lofty Observation Tower, Queensland.	–	–	–	7 –
U	10291	Hobart, Tasmania's progressive capital city, southwest from the Post Office	–	–	–	7 –
U	10293	Christmas holiday pleasures at the Fern Tree Bower, near Hobart, Tasmania	–	–	–	7 –
U	10294	Acres of hop vines on a prosperous farm at New Norfolk	4	–	–	7 –
U	10295	Tasmania's greatest industry, apple-growing near New Norfolk	4	–	–	7 –
U	10300	Auckland's chief business thoroughfare, Queen street, looking south	–	–	–	7 –
U	10304	Sifting Kauri gum (resin of prehistoric trees for varnish making, Auckland	4	–	–	7 –
U	10305	The son of a Maori king, his daughter and grandchild, Auckland	4	–	–	7 –
U	10308	Girls of the old Maori race as they are today under British training, Auckland	4	–	–	7 –
U	4666	Mt. Elliot and Jarvois Glacier, from McKinnon's Pass (6,200 feet)	4	–	6	7 –
U	10309	"On us, on us, the unswerving season smiles," — fields, woods and sea below, One Tree Hill	–	–	–	7 –
U	10323	Wellington and its harbor, east from the terrace.	4	–	–	7 –

U	10311	Sunset splendor in the southern hemisphere, Northcote to Birkenhead, near Auckland	–	–	–	7	–
U	10319	Maori girls performing the ceremonial "Haka" or Poi Dance, Whakarewarewa	4	–	–	7	–
U	10320	Rubbing noses, the customary salute among the Maoris, Whakarewarewa	4	–	–	7	–
U	10321	In nature's bathtub, where hot water never fails — Maori children, Whakarewarewa	4	–	–	7	–

Hawaiian Islands.

K	10155	A typical grass hut, Hawaii	4	5	–	–	–
K	10156	Pretty Hula girls, Honolulu, Hawaii	–	5	–	–	–
K	10151	The Government House, formerly the Palace, Honolulu	–	5	–	–	–
K	10152	On the beautiful Mauna Loa Creek, Hawaii	4	5	–	–	–
K	10153	Rice fields near Honolulu, Hawaii	4	5	–	–	8
K	10154	Papaia trees, in Mauna Loa Valley, Hawaii	–	5	–	–	–
K	20127	Banana tree, Hawaii	4	5	–	–	8

Philippine Islands.

W	3515	The Escolta, the chief business street of Manila	–	5	–	7	–
W	10032	Isabella Gate, principal entrance to the walled city of Manila	–	5	–	7	–
W	10009	Filipino fruit market, Manila	–	5	–	7	8
W	10003	Filipino wash day on the banks of the Pasig, Manila	–	5	–	7	–
W	3510	The Bridge of Spain, over the Pasig river, Manila	–	5	–	7	–
W	10011	Filipino home, Pasig river and Bridge of Spain, Manila	4	5	–	7	–
W	3520	A group of boys from the Normal High School, Manila	4	5	–	7	–
W	3503	Giving the buffalo his regular noonday bath, Manila Bay	4	5	–	7	–
W	3522	In the busy market place, Manila	4	5	–	7	8
W	3523	Filipino police, once insurgents, now faithful servants of Uncle Sam, Manila	–	5	–	7	–
W	3525	The beautiful Church of San Sebastian, Manila	–	5	–	7	–
W	3528	Native method of propelling canal boats on Escolta Canal, Manila	4	5	–	7	8
W	3532	Crowds of native boats at the mouth of the Pasig river, Manila	4	5	–	7	8
W	3534	Shipping on the Pasig river — the quay near the Custom House, Manila	–	5	–	7	8
W	3550	In the fishing village of Ermita	–	5	–	7	8
W	3552	The Filipinos as they go to market, Ermita	4	5	–	7	8
W	3558	Native huts of bamboo thatched with nipa	4	5	–	7	–
W	3559	A typical village scene in the Philippine Islands	–	5	–	7	–
W	3568	A crowd of freight boats pass the new automatic lift bridge, Binondo Canal, Manila	–	5	–	7	8
W	3572	Filipino girls stripping tobacco leaves for cigar manufacture, Manila	4	5	–	7	8
W	3579	When church is out — Filipinos in holiday attire leaving an ancient church at Antipolo	4	5	–	7	–

W	3582	Stripping hemp — producing fiber for making manila rope and hemp fabrics	4	5	–	7	8
W	3583	Drying the hemp fiber for Manila's most important product, rope and cordage	4	5	–	7	8
W	3586	The crude loom in which the Filipino women weave the fine hemp fiber into cloth	4	5	–	7	8
W	3588	Rapid transit in the tropics — a caraboa cart	4	5	–	7	–
W	3590	Primitive caraboa (water buffalo) cart — wheels one solid piece of wood	4	5	–	7	–
W	3593	Preparing cocoanuts for shipment — the husking process	4	5	–	7	8
W	3595	In the heart of a native village, typical of life in the tropics	4	5	–	7	–
W	3598	A Negrito huntsman with his aboriginal war weapon, the long bow and arrows	4	5	–	7	–

CHAPTER III.

SIXTH GRADE GEOGRAPHY ILLUSTRATED.

SECTION I.—PHYSICAL GEOGRAPHY—TWELVE LESSONS.

A. Erosion.

1. By the weather.
2. By running water.
3. By glaciers and ancient ice sheet.
4. By the sea—wave action.

B. Preparation of the Earth for Man.

1. Land — continents.
2. Mountains — upfolds.
3. Valleys — downfolds.
4. Coastal plains — very gentle slopes.
5. Inland plains — nearly level lowlands.
6. Plateaux — uplifted levels.
7. The ocean — its indentations.
8. The coast line — its articulations.

Lessons on Erosion.

PLAN.

1. Evidences of forces at work.
2. Transportation of waste.
3. Deposition.

Lessons on Preparation of the Earth for Man.

PLAN.

1. Location.
2. Vistas showing characteristics.
3. Formation.
4. Aging.
5. Industries — opportunities for mankind to make a living.
6. Means of communication, easy or difficult; evidences of men's ingenuity in overcoming natural obstructions.

NOTE. — For want of material in some cases the plan has been slightly varied.

Lesson I. Erosion.

By the Weather.

Slide 1.	The Sphinx and Pyramids	U 2551
" 2.	Notre Dame	U 1617
" 3.	Garden of the Gods	D 02167
" 4.	The Egyptian Obelisk, New York City	M 124
" 5.	El Capitan, Yosemite	K 5008
" 6.	Cleavage plans, hard rock	M 5 Field Work
" 7.	Pike's Peak	D 012378
" 8.	Mt. Washington	M 1610 N. H.
" 9.	Track of an avalanche	M 11821 Switz.
" 10.	Rock waste, talus	M 14 Field Work
" 11.	Palisades of the Hudson	D 019568
" 12.	Diaton Bluffs, San Monica	M 4121 Cal.
" 13.	How a cyclone looks	M 19113
" 14.	An approaching dust storm	M 21111 China
" 15.	Sand dunes, Oregon	K 13530

Lesson II. Erosion.

By Running Water.

Slide 1.	Fraser River	K 13839
" 2.	Flume Notch, White Mountains	D 011773
" 3.	Canyon of the Colorado	K 13519
" 4.	Falls of the Yellowstone	K 2401
" 5.	Niagara Falls from below	K 6190
" 6.	Long Sault Rapids, St. Lawrence	M 2379
" 7.	Niagara Gorge	K 8088
" 8.	Montmorency River — natural steps	M 1449 Can.
" 9.	Pot hole, Bronx — bowlder tool	M 60 Field Work.
" 10.	Meandering side cutting — Connecticut River	M 12005 Mass.
" 11.	Columbia River — delta-silt	M 15757 Ore.
" 12.	Bird's-eye view, Lake Winnepesaukee	D 018928
" 13.	Nile River — flood plain	U 3527
" 14.	Mississippi River — flood plain	D 01559
" 15.	Relief map, United States of America — showing how rivers carry some of the silt seaward	M 14815 map

Key to Slide Initials.

D Detroit Publishing Company.
K Keystone View Company.
L Levy *et ses fils*. (See McAllister or Thurston.)
M McAllister, T. H.
S Stebbins, N. L.
U Underwood & Underwood.
W White, H. C.

For addresses, local agents, and prices see chapter I., pages 8, 9. Nearly all the slides mentioned in this chapter are taken from the list given in chapter II.

Lesson III. Erosion.

(a.) By Glaciers, and (b.) the Ancient Ice Sheet.

(a.) Nine slides. (b.) Six slides.

(a.)	Slide 1.	Snow fields	K 10782
	" 2.	Snow fields, Mt. Blanc	M 15282 Switz.
	" 3.	Mt. Yoho Glacier, Selkirk	M 14639 B. C.
	" 4.	Grindelwald — carrying bowlder	M 12297 Switz.
	" 5.	Immense glacier basin, Grindelwald	U 1766 Switz.
	" 6.	Mer de Glace, moraines	U 1834 Switz.
	" 7.	Mer de Glace, crevasse	M 16110 Switz.
	" 8.	Lake d'Oesche (glacial lake)	L (order through M.)
	" 9.	Muir Glacier, Alaska — detached berg	M 10032 Alaska
(b.)	" 10.	Fromé Glacier, Spitzbergen	L (order through M)
	" 11.	Ice barrier, Spitzbergen	L (order through M)
	" 12.	Bowlder strewn field, Ireland	M 8315 Ire.
	" 13.	Drumlin (till)	M 12177 N. Y.
	" 14.	Rocks scoured by glacier	M 343 P. G.
	" 15.	Mt. Washington and Intervale — fertile pastures built up from material eroded from the mountains by ancient ice sheet	M 11817 N. H.

Lesson IV. Erosion.

By the Sea — Wave Action.

Slide 1.	Cliffs and surf, Newport	M713 R. I.
" 2.	Marblehead	D 018304
" 3.	Giant's Causeway	U 516
" 4.	North Cape, Norway	M 7361 Norway
" 5.	Gibraltar	U 10422
" 6.	Undercutting — sea stacks — Bay of Fundy	M 249 P. G.
" 7.	The Ovens, Bar Harbor	D 013947
" 8.	Fingal's Cave, Staffa	U 7510
" 9.	Blue Grotto, Capri	M 13849 Italy
" 10.	Perce Rock, Gulf of St. Lawrence	M 4131 Can.
" 11.	Chalk Cliffs, England	M 12620 Eng.
" 12.	Nantasket, Mass.	D 018887
" 13.	Coney Island Beach	M 12410 N. Y.
" 14.	Sand Bar, Barnegat	M 14424 N. J.
" 15.	Sandy Hook	M 438
" 16.	Highland light, Cape Cod — vista showing the straightened shore line	S

Lesson I. Preparation of the Earth for Man.

Formation of the Earth — Land — Continents.

Slide 1.	The earth	M Astronomy 41
" 2.	Comparative size of the earth, sun, and planets	M Astronomy 2
" 3.	The solar system	M Astronomy 1
" 4.	Land, water and air	M Geology 1

Slide 5.	Upbuilding of North America, from King's Advanced Geography, page 52 (order of J. F. Thurston, 50 Bromfield street.	
" 6.	Land masses. World's ridge	M Maps and plans
" 7.	Diagram of a portion of the earth's coast	M 28 P. G.
" 8.	Diagram showing vertical and horizontal strata	M 4932 Switz.
" 9.	The earth in past ages — ideal glacial landscape	M Geology 16
" 10.	In the drift age	M Geology 17
" 11.	The earth fitted for migration	M Geology 18
" 12.	Distribution of the human race	M Maps
" 13.	Implements of the Stone Age	M 45 Sweden
" 14.	Implements of the Bronze Age	M 46 Sweden
" 15.	Implements of the Iron Age	M 47 Sweden

Lesson II. Preparation for Man.

Mountains.

Slide 1.	Relief map of United States	M 14815 Map
" 2.	Panorama of mountain ranges	K 6309
" 3.	Mt. Willey — base, slopes, summit	M 1637 N. H.
" 4.	Snow line — Mt. Chimborazo	U 9197 S. Am.
" 5.	Timber line — Colorado	M 1742 Colo.
" 6.	The Matterhorn — a young mountain	K 10764 Switz.
" 7.	Mt. Katahdin — a mature mountain	M 1742 Me.
" 8.		
" 9.	Forested slopes — retarded erosion	M 163 Penn.
" 10.	Change in temperature from base to summit, Mt. Orizaba, Mexico	M 1460 Mex.
" 11.	Formation, block mountains	M 11045 Cal.
" 12.	Formation volcano, broken dome — Vesuvius	M 19837 Italy
" 13.	Formation of very high mountains, Darjeeling	M 13524 India
" 14.	Industries, mining, Idaho	M 17229 Ida.
" 15.	Industries, lumbering, Cascade Mountains, Washington	M 13819
" 16.	Pasturage, sheep ranch on slopes	K 13646

Lesson III. Preparation for Man.

Valleys.

Slide 1.	Relief map of North America	M 14814
" 2.	Connecticut Valley — the three slopes, sides and floor,	D. 017774
" 3.	A longitudinal valley	M 36 P. G.
" 4.	A transverse valley	M 35
" 5.	Watkins Glen — stream cutting	K 12460
" 6.	Ice cutting	K 10708
" 7.	Aging — a young valley — canyon of the Colorado — gorge — chasm	K 13519
" 8.	Lakes of Killarney — dam across valley	K 487
" 9.	Mature — Valley of the Elbe	M 6806 Ger.
" 10.	Valley in old age — Nile	U 2537
" 11.	Industries — in young valleys — mining	M 11425 S. Dak.
" 12.	Industries — wooded slopes — lumbering	K 20026

Slide	13.	Industries — modern steel plant — manufacturing	K 6539
"	14.	Industries — in mature valleys — truck farming	K 6714
"	15.	Industries — commerce, Mississippi river-front	D 014485
"	16.	Communication difficult and expensive in young valleys — Switzerland	K 6475
"	17.	Fewer obstructions in mature valleys — Thames embankment	M 285 Eng.

Lesson IV. Preparation for Man.

Coastal Plains.

Slide	1.	The World's ridge	M Maps. World's Ridge
"	2.	Coastal plain, Lakewood, pine woods	M 14331 N. J.
"	3.	Relief of U. S., locate the coastal plain	M 14815 Map
"	4.	Coastal plain	M 44 Field Work
"	5.	Coastal plain — its structure	M 41 Field Work
"	6.	Paper mills, Holyoke, Mass.	M 17764
"	7.	Beach, land and sea — seaward	M 14441 N. J.
"	8.	Industries — seaports on the heads of the drowned valleys on the seaward edge. New York Harbor	K 574
"	9.	Agriculture — gathering peaches, Delaware	K 6952
"	10.	Agriculture — cotton field, raw material	K 8049
"	11.	Continental shelf continuation of coastal plain	M 43 Field Work
"	12.	Marine plain, midway between a young plain and a drowned one	M 47 Field Work
"	13.	Continental shelf emerging as a barrier reef	M 14338
"	14.	Continental shelf industries — shell-fish, clams	K 6871
"	15.	A catch on the Banks	M 4982 Newfoundland
"	16.	Prosperity due to various industries. Pay day at Newport News, Va.	S

Lesson V. Preparation for Man.

Inland Plains.

Slide	1.	Relief of North America	M 14814 Map
"	2.	Vista — gang plows, North Dakota	M 2602 N. Dak.
"	3.	The last stage in a lake	M 31 Field Work
"	4.	Cultivating a lake plain	D 04586
"	5.	Characteristics of the soil, harrowing	M 2605 S. Dak.
"	6.	Absence of stones in soil — sod house	M 1259 Neb.
"	7.	Cities of the plains,— Winnipeg	M 13678 Can.
"	8.	New Orleans	M 12479
"	9.	Industries — agriculture, truck farming — beet field in Nebraska	M 1260
"	10.	Oats standing	K 6399
"	11.	Mississippi River stern wheeler	M 763
"	12.	Train on Illinois Central	M 12320
"	13.	Plains, South America pampas	M 8851 So. Am.

Lesson VI. Preparation for Man.

Plateaux.

Slide	1.	Relief map of North America	M 14814 Map
"	2.	Relief map of Asia	M 14812 Map
"	3.	Alkali desert, Nevada	M 976 Nev.
"	4.	Desert scene, Palestine	M 5121 H. L.
"	5.	A desert home, Utah	M 6573 Utah
"	6.	Dry Mexican plateau	M 3977 Mexico
"	7.	Thibet, typical plateau	M 21976 China
"	8.	Erosion, stream cutting, Colorado River	K 13519
"	9.	Erosion, Mesa Encantada, North Mexico	M 11304
"	10.	Erosion, Mesa Verde	K 9481
"	11.	Erosion, Crawford Buttes	D 011458
"	12.	Industries, grazing	M 10722
"	13.	Industries, stock farm	D 04555
"	14.	Industries, agriculture, overcoming obstacles, an irrigated valley	M 10970 N. Mex.
"	15.	Irrigation canal	K 13548
"	16.	Commerce — a caravan, Holy Land	M 6381
"	17.	Uncouth desert vegetation	D 08748
"	18.	A dug-out, Colorado, showing soil	M 7179 Colo.

Lesson VII. Preparation for Man.

The Ocean and its Indentations.

Slide	1.	Location map of the hemispheres	M Maps
"	2.	Depth of the Atlantic	M 48 P. G.
"	3.	The ocean, a highway of travel and trade — ocean liner leaving dock	M 734 Marine
"	4.	Ships under sail	D 013665
"	5.	Safeguarding, life saving station	M 14376 N. J.
"	6.	Safeguarding, Eddystone Lighthouse	M 8528 England
"	7.	Safeguarding, cable station, Valencia Bay	M 8518 Ireland
"	8.	Movements, wind-waves	M 185 P. G.
"	9.	The open sea	M 12499 N. Y.
"	10.	Tides, tide in	M 587 P. G.
"	11.	Tides, ebb	M 15 Marine
"	12.	Ocean currents, map	M 14832 Map
"	13.	Penobscot Bay	M 1757 Me.
"	14.	Harbor, San Francisco	K 9340
"	15.	Harbor, Rio Janeiro	M 8317 S. Am.
"	16.	Fjords, near Fjord	U 662
"	17.	Fjords, Tromsosund	U 636
"	18.	Strait of Magellan	M 8840 So. Am.

Lesson VII. Preparation for Man.

Articulations of the Shore Line.

Slide 1. Low shores — shallow water — slowly rising.
High shores — deep water — slowly sinking.
Relief map of North America . . . . . M 14814 Map

Slide 2.	On the beach, Ostend	U 1488
" 3.	A Norwegian fjord settlement	U 636
" 4.	An elevated shore line	M 13800 Italy
" 5.	A drowned shore line on old line	M 49 Field Work
" 6.	Relief map of Europe, islands, peninsulas	M 14817 Map
" 7.	Islands, submerged hills	M 48 Field Work
" 8.	Islands, Bermudas, general view	M 6950 Ber.
" 9.	Islands, Thousand Isles	M 1782 Can.
" 10.	Islands, Coral Atoll	M 14 Geol.
" 11.	Erosion, seaweeds on rocks resist erosion	M 58 Field Work
" 12.	Erosion, beach and cliffs, Tenby, Wales	M 15050 Wales
" 13.	Products, furs — seals on beach	M 13515 Alaska
" 14.	Products, sponges — sponge yard	K 9175
" 15.	Products, coral	U 8576
" 16.	Products, Duck Island, Greenland	U 4696
" 17.	Products, oysters — skiff load	K 6875

SECTION 2. LESSONS ON REGIONAL GEOGRAPHY BY MEANS OF LANTERN SLIDES.

1. Canada.

1. Physical features — centers of population.
2. Industries: Fur-trapping, lumbering, fishing.
3. Industries: Agriculture, grazing, mining.
4. Industries: Commerce, railways, waterways, and canals.

2 and 3. Mexico and Countries South of United States.

5. Physical features, manners, and customs.
6. Industries: Fruit-raising, coffee, rubber, sisal.

4. Europe.

7. England.
8. London.
9. Scotland.
10. Ireland.
11. France.
12. Paris.
13. Holland and Belgium.
14. Northern Europe, Norway, Sweden, Russia.
15. Spain and Portugal.
16. Italy.
17. Rome.
18. Switzerland.
19. The German Empire.
20. Southeastern Europe — Austria-Hungary, the Balkan States, Turkey and Greece.

General Plan for Geography.

1. Location of surrounding waters and countries—physical features—conditions of climate.
2. Routes of travel.
3. Illustrations of physical features.
4. Manners and customs.
5. Industries.
6. Transportation.
7. Correlation with literature, art, and history where feasible.

Lesson I. Canada.

Physical Features and Centers of Population.

Slide	1.	Mercator's map of the world	M
"	2.	Relief map of North America	M
"	3.	Halifax panorama	M 4900 Can.
"	4.	Montreal panorama	U 4756 Can.
"	5.	Victoria Bridge	M 1415 Can.
"	6.	Quebec, Dufferin Terrace	M 1433 Can.
"	7.	Montmorency river, natural steps	M 1449 Can.
"	8.	Sous-le-Cap Street, Quebec	U 8049 Can.
"	9.	Winnipeg, Manitoba	M 13678 Can.
"	10.	Yoho Glacier	M 14639 Can.
"	11.	Among the Selkirks	U 8069 Can.
"	12.	Frazer River, looking down	K 13839 Can.
"	13.	Kicking Horse Pass	M 13748 Can.
"	14.	Selkirk Glacier, cutting ice steps	M 9530 Can.
"	15.	Victoria's Harbor, Vancouver	U 4842 Can.
"	16.	Parliament Building, Ottawa	M 1418 Can.
"	17.	Carving out a home	M 17192 Wash.
"	18.	Calgarry and Bow River, Northwest Territory	M 24600 Can.

Lesson II. Canada.

Industries.— Fur-trapping, Fisheries, Lumbering.

Slide	1.	Relief map of North America	M
"	2.	The old trapper	M 625 Can.
"	3.	Around the trapper's camp fire	M 596 Can.
"	4.	Fisherman's home	M 4979 Can.
"	5.	A catch	M 4982 Can.
"	6.	Quiddy-Viddy kids	M 4984 Can.
"	7.	Drying fish	U 8046 Can.
"	8.	Salting fish	M 4973 Can.
"	9.	Coming in from sea	M 4981 Can.
"	10.	Lumber camp	M 462 Can.
"	11.	Log jam	M 474 Can.
"	12.	Timber slide	M 1914 Can.
"	13.	Unloading logs	M 136 Can.

Slide 14.	Saw mill and gang saws	M 43 Can.
" 15.	Felling a tree	M 4701 Me.

Lesson III. Canada.

Agriculture — Grazing — Mining.

Slide 1.	Relief map of North America	M
" 2.	Gang plows — wheat	M 2603 N. Dak.
" 3.	Harrowing wheat	M 2605 N. Dak.
" 4.	Seeding wheat	M 2607 N. Dak.
" 5.	Cutting wheat	M 34 Can.
" 6.	Harvester and thresher — wheat	M 719 Wash.
" 7.	Grain elevators — wheat	M 18 Can.
" 8.	Cattle scene — grazing	M 11442 S. Dak.
" 9.	Sheep ranch — grazing	M 13687 Can.
" 10.	Herding — grazing	M 13686 Can.
" 11.	Cowboys — grazing	M 3439 Tex.
" 12.	Stock yards, Winnipeg	M 31 Can.
" 13.	Pine Creek and Nugget Point	M 10619 B. C.
" 14.	Group of miners	M 17120 B. C.
" 15.	Hydraulic mining	M 17135 B. C.

Lesson IV. Canada.

Transportation.

Slide 1.	Mercator's map of the world	M
" 2.	Halifax Atlantic Terminal, Canadian Pacific Railroad	M 4900 Can.
" 3.	Montreal, Canadian Pacific Railroad Depot	M 1414 Can.
" 4.	Victoria Bridge, Montreal	M 1415 Can.
" 5.	Winnipeg	M 13678 Can.
" 6.	Big Grade, Kicking Horse Pass	M 13748 B. C.
" 7.	Snow sheds, exterior	M 1725 B. C.
" 8.	Snow sheds, interior	M 13792 B. C.
" 9.	Victoria, Vancouver Island, Pacific Terminal	U 4839 B. C.
" 10.	Relief map of North America	M
" 11.	Whaleback steamer on Lake Michigan	M 10461 Mich.
" 12.	St. Mary's Rapids	M 4102 Can.
" 13.	Canal, Soo, locks and power house	M 24715 Mich.
" 14.	Canal, Soo, and locks from above	M 24723 Mich.
" 15.	Niagara River	M 401 N. Y.
" 16.	Welland Canal locks	U 4752

Lesson V. Mexico, Central America and West Indies.

Slide 1.	Relief map of North America	M
" 2.	Mercator's map of the world	M
" 3.	Vera Cruz Harbor	K 10800
" 4.	City of Mexico	K 10803
" 5.	Peon group	K 10809
" 6.	Hacienda	K 10876
" 7.	Pulque gatherer	K 10842

Slide 8.	Wheelbarrow Water Works	K 10920
" 9.	Caretta and plow	M 3997 Mex.
" 10.	Pack train	M 5389
" 11.	Train ascending the slopes	M 3967a Mex.
" 12.	Schooner loading mahogany logs	M 10632 Mex.
" 13.	Mt. Onzaba	M 1460 Mex.
" 14.	Pottery-making	M 11353 Mex.
" 15.	Pottery-making	M 11322 Mex.
" 16.	Pottery	M 11354 Mex.

Lesson VI. Mexico, etc.

Fruit Raising — Coffee and Rubber.

Slide 1.	Relief map of North America	M
" 2.	Havana Harbor	M 17944 Cuba
" 3.	Bermudas, general view	M 6950 W. I.
" 4.	Fruit, banana gathering	K 4418 C. Am.
" 5.	Fruit, limes	K 20510 Cal.
" 6.	Fruit, limes	K 256 Fla.
" 7.	Fruit, cocoanuts	K 10271
" 8.	Fruit, pineapple field	K 6175
" 9.	Coffee plant	M 42 Mex.
" 10.	Coffee, road in plantation	M 4453 Mex.
" 11.	Coffee, cleaning	M 48 Mex.
" 12.	Coffee, drying	M 47 Mex.
" 13.	Coffee, loaded burros	M 10617 Mex.
" 14.	Sisal, gathering	M 13484 Bahamas
" 15.	Rubber tree	M 6969 Bermudas
" 16.	Cocoa tree	M 18537 W. I.

Lesson VII. England.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	World, Mercator's projection	M Map
" 3.	Liverpool docks	U 193
" 4.	Southampton Harbor	M 34 Eng.
" 5.	Eddystone Light	M 8528 Eng.
" 6.	Chalk Cliffs, English Channel	M 12620 Eng.
" 7.	River Valley, Dovedale, Derbyshire	M 7742 Eng.
" 8.	Valley of the Thames	M 581 P. G.
" 9.	Oxford, Queen's College	U 148
" 10.	Ann Hathaway's Cottage	M Eng.
" 11.	Furness Abbey	U 10608
" 12.	Kenilworth Castle	K 3000
" 13.	Lincoln Cathedral	M Eng.
" 14.	Mt. Snowden, Wales	M 6340 Wales

Lesson VIII. London.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's projection	M Map

Slide 3.	Trafalgar square, London	U 10595
" 4.	St. Paul's Cathedral	M 961 Eng.
" 5.	Westminster Abbey	U 136
" 6.	The Nave, Westminster Abbey	U 137
" 7.	Tower of London	U 121
" 8.	Tower of London, Traitor's Gate	M 509
" 9.	London Bridge	U 10767
" 10.	Blackfriar's Bridge	M 181 Eng.
" 11.	Thames embankment	M 371 Eng.
" 12.	Houses of Parliament	U 104
" 13.	Interior of House of Commons	M 627 Eng.
" 14.	Interior of House of Lords	M 620 Eng.
" 15.	London docks	M 617 Eng.

Lesson IX. Scotland.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's projection	M Map
" 3.	View on the Clyde	U 7514
" 4.	Edinburgh	U 7466
" 5.	Edinburgh Castle	U 7459
" 6.	The rugged coast of St. Kilda	M 6204 Scot.
" 7.	Ellen's Isle	U 7542
" 8.	Ben Venue	U 7537
" 9.	Highland home	K 12703
" 10.	Holyrood Palace	U 7472
" 11.	Sterling and the Castle, Scotland	U 7482
" 12.	Wives at Wick	U 7504
" 13.	Abbotsford, Scott's home	U 7482
" 14.	Fishermen of St. Kilda	M 6195 Scot.
" 15.	Crofters, stock taking	U 7506
" 16.	Princes street, Edinburgh	U 7466
" 17.	Edinburgh, Forth Bridge	U 7492

Lesson X. Ireland.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's map of the world	M Map
" 3.	Queenstown Harbor	K 2517
" 4.	Third-class coach, Queenstown	M 8273
" 5.	Life and customs of an Irish village	U 540
" 6.	Cottages of Ireland	K 429
" 7.	Cutting peat	U 428
" 8.	The Lakes of Killarney	K 486
" 9.	Going to the fair, jaunting car	M 8428
" 10.	Bridge on the Dargle	M 8524 Ire.
" 11.	Giant's Causeway	K 2524
" 12.	Blarney Castle	U 403
" 13.	Galway Harbor	M 8497
" 14.	Meeting of the Waters, Vale of Avoca	M 8586
" 15.	Telegraph station, Valencia Bay	M 8518 Ire.

Lesson XI. France.

Rural Life.

Slide 1.	Relief map of Europe	M 14887 Map
" 2.	Mercator's map of the world	M Map
" 3.	Colar's Pier	U 9562
" 4.	Great city market, Halles Centrales	U 1564
" 5.	The Bourse, Paris	U 1540
" 6.	Interior of a Breton village home	U 9604
" 7.	A Norman horse fair, Brittany	U 9614
" 8.	Interior of a peasant's home, Brittany	L See M
" 9.	Pastoral life today at Agincourt	U 9564
" 10.	Making lace	U 9617
" 11.	Birthplace of Joan of Arc	U 9591
" 12.	Vineyards	U 9583
" 13.	Breton peasants making clogs	U 9605
" 14.	The Paradise of French children	U 9615
" 15.	Nantes, a manufacturing center	U 9599
" 16.	Fishermen's boats returning	U 9600
" 17.	Nice, Southern France	U 1600
" 18.	Flower Market, Millet	U 1577
" 19.	Sheep Going Home, Dupré	U 9582
" 20.	A herd of goats in the mountains	U 10743

Lesson XII. France.

Paris.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	River Seine with eight bridges	U 1537
" 3.	Panorama from Arc de Triomphe	U 1555
" 4.	Panorama from Notre Dame roof	U 9576
" 5.	Arc de Triomphe	M 15005
" 6.	Omnibus, loaded	M 15399
" 7.	Column and Place Vendome	M 15078
" 8.	Place de la Concorde	U 9737
" 9.	Eiffel Tower	U 1562
" 10.	Trocadero Palace	M 15293
" 11.	The Tuileries	M 15294
" 12.	The Tuileries Hall of (Fame) Peace	M 8473
" 13.	The Louvre	U 1574
" 14.	Cathedral of Notre Dame	U 1611
" 15.	Madeleine	M 15050
" 16.	Porte St. Denis	M 15345
" 17.	Versailles	M 15480
" 18.	The gardens at Versailles	M 15519

Lesson XIII. Holland and Belgium.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Amsterdam, the mills	M 12123

Slide 3.	Group of Dutch school children	K 6439
" 4.	Windmill and canal	U 1527
" 5.	Shipping at Rotterdam	K 3401
" 6.	Characteristic buildings	U 1520
" 7.	People and dress	U 1521
" 8.	Boulevard from The Hague to Scheveningen	M 12215
" 9.	Old house on canal	U 1527
" 10.	Bridge across an old canal	M 12443
" 11.	Beach at Zaandroort	M 12315
" 12.	Storks and nests, characteristic Holland	K 3041
" 13.	Cows and mills, Zaandam	U 1531
" 14.	Canal and cows	M 12295
" 15.	Dutch houses, interior	M 12446
" 16.	Mills and canals	M 12398
" 17.	Fisher folk, Maarken	M 12303
" 18.	Dog and cart, Brussels	U 1479
" 19.	Lady's head-dress, Brussels	M 194
" 20.	The docks, Antwerp	U 1482

Lesson XIV. Norway, Sweden, and Russia.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Sagnefjord, Norway	U 636
" 3.	Coast of Norway	U 639
" 4.	Fjord at Havdangen	U 2922
" 5.	Road to Stalheim	U 671
" 6.	Hammerfest	U 697
" 7.	Buying fish, Tromsoe	U 695
" 8.	Fish wharf of Bergen	U 650
" 9.	A cariole, Norway	U 633
" 10.	A home in Telemarken	U 630
" 11.	A bridal dress	K 13424
" 12.	Cart-load of halibut	U 662
" 13.	Lapps and reindeer	U 682
" 14.	Harbor of Copenhagen	U 1005
" 15.	Stockholm, a business street	K 2801
" 16.	Sweden, country home	U 858
" 17.	Russia equipages, drosky	U 1077
" 18.	Russia, a village home	U 1128
" 19.	Russia, Kremlin, Moscow	U 1101
" 20.	Russia, Nijni-Novgorod	U 1120

Lesson XV. Spain and Portugal.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's map of the world	M Map
" 3.	Rock of Gibraltar	U 10422
" 4.	Cadiz	U 2238
" 5.	Where ocean surges, etc.	U 10393
" 6.	Orange pickers	U 2202
" 7.	Vineyards	U 2247

Slide 8.	Prosperous Spaniards	U 10404
" 9.	Sheep at Seville	M 13826
" 10.	Water vendor	U 10411
" 11.	Alhambra	U 2209
" 12.	The cork industry	U 9778
" 13.	Convent of Rabida, Palos	U 10399
" 14.	Tombs of Ferdinand and Isabella	U 2218
" 15.	Barcelona	U 2259
" 16.	Lisbon Harbor	U 2305
" 17.	Aqueduct, Lisbon	U 2315
" 18.	Fish girls	U 2309

Lesson XVI. Italy.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's map of the world	M Map
" 3.	Blue Grotto, Capri	M 13849
" 4.	Venice, Grand Canal and gondola	K 6482
" 5.	Gallery of the Ducal Palace	M 14526
" 6.	Ducal Palace	K 1983
" 7.	Bridge of Sighs	K 116
" 8.	The Rialto, Venice	K 1982
" 9.	Drying macaroni, Naples	U 2013
" 10.	Bay of Naples and Vesuvius	K 1970
" 11.	At the base of Vesuvius	U 2018
" 12.	Crater	U 2019
" 13.	Gallery of the Campo Santo, Genoa	M 14059
" 14.	Cathedral at Milan	K 1985
" 15.	Roof of the cathedral	U 2052
" 16.	Street scene, Naples	K 1972
" 17.	Sheep feeding on the Roman Aqueduct	K 6461
" 18.	Coast, near Amalfi	U 2030
" 19.	Leaning tower of Pisa	K 1958
" 20.	Pompeii and Vesuvius	U 2020

Lesson XVII. Italy — Rome.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Rome from the dome of St. Peter's	K 1901
" 3.	Vatican and St. Peter's at Rome	U 1970
" 4.	St. Peter's statue	U 1972
" 5.	Interior of St. Peter's	M 20037
" 6.	Interior of St. Peter's	M 13228
" 7.	The Pope's gardens	K 11211
" 8.	Moses	U 2003
" 9.	Vatican	K 2200
" 10.	Pantheon	U 1987
" 11.	Colosseum at Rome, interior	U 1995
" 12.	Colosseum at Rome, exterior	U 1994
" 13.	Roman Forum	U 1991
" 14.	Arch of Titus	K 3302

Slide 15.	Castle of St. Angelo	K 1905
" 16.	Santa Paola	U 2006

Lesson XVIII. Switzerland and the Alpine Highlands.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Ascending the Jungfrau	U 1767
" 3.	Giant's Needle, Mer de Glace	U 1834
" 4.	Mer de Glace from below	M 16107
" 5.	Ascending Mt. Blanc	U 1824
" 6.	Grindelwald Glacier	U 1759
" 7.	A Swiss chalet	U 1756
" 8.	The Matterhorn	U 1790
" 9.	Simplon Pass	K 6471
" 10.	Backbone of Europe	U 1747
" 11.	St. Bernard Pass	U 1805
" 12.	Alpine precipices	U 1814
" 13.	Valley of the Engadine	U 1779
" 14.	Lake Lucerne and the Alps	U 1741
" 15.	Lake Geneva	U 1809
" 16.	Life in the mountains	U 1802
" 17.	Swiss toy sellers, woodcarvers	K 6130
" 18.	A mountain herd	K 6477
" 19.	The lacemaker at village fountain	K 6129
" 20.	Statue of William Tell, Altorf	K 10758
" 21.	Simplon	K 6475

Lesson XIX. Germany.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's map of the world	M Map
" 3.	Stettin beside the Oder	U 1318
" 4.	The Cat Tower and the Rhine	K 524
" 5.	Vine-clad terraces, Rhine River	K 10341
" 6.	Nuremberg	U 1265
" 7.	Cologne Cathedral	U 10463
" 8.	Rock of the Lorelei	K 5462
" 9.	Unter den Linden, Berlin	U 1300
" 10.	View on the Elbe, Dresden	U 1271
" 11.	Saxon peasants	U 1277
" 12.	Harvesting the grapes	K 6866
" 13.	Panorama, Berlin	U 1286
" 14.	Hamburg docks	K 2010
" 15.	Heidelberg Castle	U 10451

Lesson XX. Southeastern Europe.

Austria, Hungary, Turkey, Greece, etc.

Slide 1.	Relief map of Europe	M 14817 Map
" 2.	Mercator's map of the world	M Map
" 3.	Bridge over the Danube, Buda-Pesth	M 20946

Slide 4.	Trieste, harbor	M 2627
" 5.	Vienna Graben	U 1899
" 6.	View on the Danube	U 1878
" 7.	The Golden Horn, Turkey	K 10953
" 8.	Mosque of St. Sophia	U 10568
" 9.	Crowd on the bridge over the Golden Horn	U 10574
" 10.	Panorama from the Bosphorus	U 10573
" 11.	Letter writers' stands	U 10571
" 12.	Acropolis, Athens	K 964
" 13.	Home of a Greek (interior)	U 9332
" 14.	Greek peasant in Sparta	U 9325
" 15.	Sponge flshermen, Greece	M 3

SECTION 3.— EXPOSITORY LESSON ON VALLEYS.

Slides 1 to 4.

A valley is low land between hills and mountains. It is a trough in the land tilted toward the sea or another valley.

Every valley has three slopes, the two sides and the floor.

There are longitudinal and transverse valleys. Longitudinal valleys lie between parallel ranges of mountains. Transverse valleys are cut through a mountain range or grooved out of slopes.

Slides 5 to 7.

Formation.— Longitudinal valleys were first formed by the down-folding of the earth's crust as it cooled and shrunk. As soon as the mountains were formed the agents of erosion attacked them as hungry dogs attack bones. The hard rocks stood firm, forming mountain peaks, but the softer ones were ground up and carried toward the sea. Transverse valleys have been cut out by the agents of erosion — the weather, running water, and glaciers. These forces never cease their work. They are as active to-day as they were thousands of years ago.

Slides 8 to 11.

Aging.— Valleys have youth, maturity, and old age as we do. The stream which drains the valleys shows its age. Just as children run, play, and leap, so the stream in a young valley flows rapidly, rolls loose stones along its channel, and leaps over steep cliffs in waterfalls. The slopes of young valleys are very steep, and their floors are often no wider than the stream which drains

them. Barriers caused by land slides from the steep slopes often form dams across young valleys, forming lakes.

In maturity the slopes become more gentle, the valley floor widens, and the current of the stream moves slower, just as adults are quieter in their movements; they walk rather than they run. In a mature valley the floor is widened by means of flood plains, formed on the banks of the drainage stream, which the forces of erosion have brought from upstream.

In old age the slopes are worn down nearly to sea level. The valley floor becomes a plain and the current of the stream becomes sluggish, just as we see aged people move about slowly and deliberately.

Slides 12 to 14.

Industries in Young Valleys.— Young valleys encourage some occupations and discourage others. The rapid current of the stream furnishes water power, so mills are located in such regions. If the slopes are well forested, lumbering is carried on. Valuable stones and quarries of building stone are likely to be found on the slopes.

Slides 15 to 16.

Mature and old valleys are seats of agriculture. Their fertile floors and flood plains are among the richest farm lands in the world. Their streams with tranquil currents offer no obstructions to navigation and commerce is carried on.

Slide 17.

Communication in Young Valleys.— The floors of young valleys are full of obstructions which interfere with the building of roads and railroads. In highly civilized countries these difficulties are overcome by man's ingenuity. He builds at great expense and with great labor roads, tunnels, and bridges.

Slide 18.

Communication in Mature Valleys.— Travel from place to place in mature valleys is easy, as there are few obstructions to overcome. Flourishing farms dot the gentle slopes, and prosperous cities line the river banks of mature valleys. In these locations we find the greater part of the world's population.

CHAPTER IV.

HISTORY — SCIENCE — LITERATURE.

(See pages 5, 6, 9, chapter I.)

The Old South Historical Society, Old South Church, Boston, stands ready to repeat its illustrated lectures on American History.

Those interested in historic buildings should send for a catalog issued by the Halliday Historic Photograph Company, 8 Beacon street, Boston.

The Massachusetts Audubon Society offers to any responsible persons the free use of typewritten lectures about birds, with slides, on condition that such persons shall be responsible for the safe and prompt return of the outfit with all express charges paid. These traveling lectures may be had on application to Miss Jessie Kimball, secretary of the Massachusetts Audubon Society, care of Natural History Society, 234 Berkeley street, Boston. Lecture I., "An Invitation to Bird Study," by Mr. Ralph Hoffman. Lecture II., "Bird Study and the Home," by Miss Helen A. Ball and Prof. C. F. Hodge, with slides. Lecture III., "Birds," written by Miss A. L. Warner, especially for children, and illustrated by color plates.

The Audubon Charts for Bird Study, in color, are published by the Prang Company. The National Association of Audubon Societies, at 1974 Broadway, New York, N. Y., publishes a series of leaflets containing illustrations which would be a good basis for a talk with the aid of the reflectoscope. Either the leaflets or illustrations, in colors or in black and white, may be purchased separately by applying to Mr. B. S. Bowdish, chief clerk.

Dr. Francis H. Rowley, president of the Massachusetts Society for the Prevention of Cruelty to Animals, is willing on request to prepare a talk to accompany some bird slides he owns, to be used in the schools. He can recommend, if it is wished, some good lecturers who might come to the schools for a nominal sum.

The "Youth's Companion" publishes "The Bird Portfolio," of twelve drawings, by Ernest Thompson Seton, with a description of the bird on the back of each drawing.

The Chase & Sanborn Coffee Company have an illustrated booklet on birds, and one on the butterflies of America.

The Singer Sewing Machine Company publishes a set of bird illustrations on cards.

United States Department of Agriculture publishes a pamphlet entitled "Fifty Common Birds of Farm and Orchard" (Farmers' Bulletin, No. 513).

Publications of Chester A. Reed, Worcester, Mass., are excellent on birds and flowers.

It is worth while to send to the Thomas A. Edison Company, Inc., Orange, N. J., for the August, 1913, catalog of moving picture films for the Home Kinetoscope. (See chapter I., pp. 10, 11.)

CHAPTER V.

PICTURES FOR LANGUAGE WORK IN THE LOWER GRADES.

It is permissible to order the following pictures from the per capita allowance for grades one, two, and three.

Brown's Famous Pictures; one-cent size. (See chapter I.)

Grade I.

GROUP A.

44	Little Red Riding Hood	Ferrier
44	Mother and Daughter	Le Brun

GROUP B.

44	Can't You Talk	Holmes
44	Feeding Her Birds	Millet

GROUP C.

44	Family Cares	Barnes
44	The Pet Bird	M. Von Bremen

Grade II.

GROUP A.

44	Saved	Landseer
44	A Helping Hand	Renouf

GROUP B.

44	The Village Blacksmith	Herring
44	School in Brittany	Geoffroy

GROUP C.

44	Children of the Shell	Murillo
44	Want to See the Wheels Go Round	Goodman

GROUP D.

44	Glimpses of an English Homestead	Herring
44	Kiss Me	Holmes

Grade III.

GROUP A.

48	Sir Galahad	Watts
48	Always Tell the Truth	Faed

GROUP B.

48	Rest in Flight	Knaus
48	Grace Darling	Brooks

GROUP C.

48	The Balloon	Dupré
48	Pilgrims Going to Church	Boughton

GROUP D.

48	Highland Shepherd's Home	Landseer

GROUP E.

48	Summer Pleasure	Plockhorst

CHAPTER VI.

ART IN THE SCHOOLROOM.

All subjects included in this list have been approved by the Director of Manual Arts. They may be obtained in small and large sizes at reasonable expense. (See chapter I.)

Grade I.

Madonna of the Chair	Raphael
Baby Stuart	Van Dyke
Prince Don Balthazar Carlos	Velasquez
Little Brother	Myer von Bremen
Mother and Daughter	Le Brun
Feeding Her Birds	Millet
Belated Kid	W. M. Hunt
Twin Lambs	W. M. Hunt
Little Strawberry Girl	Reynolds
Sleeping Hound	Landseer
A Fascinating Tale	Bonner
Mother and Child	Toulmouche
Can't You Talk	Holmes
A Little Mother	John W. Alexander *
The Picture Book	Johansen *
Fairy Tale Series	Jessie Wilcox Smith
Studies of Children	Elizabeth S. Green
Minnehaha and Hiawatha	Taylor
Cat and Kittens	Adam

Grade II.

Sistine Madonna (detail)	Raphael
Children of the Shell	Murillo
The Knitting Lesson	Millet
Love Me, Love My Dog	Reynolds
The Drinking Trough	Dupré
Shepherdess	Jacques
A Helping Hand	Renouf
Saved	Landseer
Distinguished Member of the Humane Society	Landseer
King Charles Spaniels	Landseer
Foxes	Liljefois
Girl with Cat	Hoecker

* Copley print.

Mother and Daughter	Douglas
Midday Meal	Moiland
Geese	Pearson
School in Brittany	Geoffroy
Five Senses	Jessie Wilcox Smith
Out for a Sail	Walden
Mother and Child	Brush

Grade III.

St. Anthony of Padua	Murillo
Divine Shepherd	Murillo
Girl with Apple	Greuze
Girl with Lamb	Greuze
The Balloon	Dupré
Shoeing the Bay Mare	Landseer
At the Watering Trough	Dagnan Bouveret
Rest in Flight	Knaus
Boy Sailing a Boat	Israels
The Mothers' School	Geoffroy
The Little Shrimp Fishermen	Blommers
Hiawatha	Norris
The First Music Lesson	Francis Day
Bedtime Stories	Francis Day
Studies of Children	Alice Barber
The Children's Hour	Taylor
The Pied Piper of Hamelin	(Rhine print)

Grade IV.

Angels	Fra Angelico
Sistine Madonna	Raphael
Bambino	Andrea della Robbia
Cherubs Dancing	Donatello
Children of Charles First	Van Dyke
Feeding the Hens	Millet
The First Step	Millet
The Goose Girl	Millet
Innocence	Sir Joshua Reynolds
The Connoisseurs	Landseer
Dignity and Impudence	Landseer
Little Mother	J. Alexander
Landscape with Sheep	Couse
Caritas	Abbot Thayer
The Torn Hat	Thomas Sully
Deacon's One Hoss Shay	Howard Pyle
The Village Blacksmith	Taylor
The Spinners	Walter Gay
Boy with the Rabbits	Johansen
Angel Heads	Sir Joshua Reynolds

Grade V.

Madonna of the Chair	Raphael
St. John the Baptist	Murillo
Laughing Boy	Donatello
Trumpeters and Dancing Children	Luca della Robbia
Drummers	Luca della Robbia
Song of the Lark	Breton
Return from the Fields	Breton
The Gleaner	Breton
George Washington	Stuart
Arrival of the Shepherds	Le Rolle
The Shepherdess	Le Rolle
Oxen Ploughing	Rosa Bonheur
Age of Innocence	Sir Joshua Reynolds
Penelope Boothby	Sir Joshua Reynolds
The Belated Kid	W. M. Hunt
Girl Reading	W. M. Hunt
Innocence (Mother, Child, Lamb)	Bouguereau
Princes in the Tower	Millais
All's Well	Winslow Homer
Fog Warning	Winslow Homer
Old Clock on the Stairs	Taylor
Boy Sailing a Boat	Israels

Grade VI.

Singing Boys	Luca della Robbia
St. George	Donatello
Alexandrian Procession	Thorwaldsen
The Gleaners	Millet
Bringing Home New-born Calf	Rosa Bonheur
The End of Labor	Breton
The Angelus	Millet
The Shepherdess	Millet
By the River	Le Rolle
A Kabyl	Schreyer
The End of the Day	Adam
Landscape with Cattle	Emil Von Marck
Horse Fair	Rosa Bonheur
Advance Guard	Schreyer
Oxen Going to Labor	Troyon
The Little Seamstress	Israels
Queen Louise	Richter
Carnation	Sargent
Picture Writing	Remington

Grade VII.

Madonna of the Goldfinch	Raphael
Aurora	Guido Reni

Portrait of a Lady	Franz Hals
Knitting Lesson	Millet
Washerwoman	Millet
The Travelers	Millet
Holland Cattle	Troyon
Dance of the Nymphs	Corot
Spring	Corot
Pilgrim Exiles	Boughton
Pilgrims Going to Church	Boughton
Priscilla	Boughton
Flight of Night	W. M. Hunt
Bugle Call	W. M. Hunt
Sir Galahad	G. F. Watts
After the Storm	Israels
The Frugal Meal	Israels
The Child Handel	Dicksee
Search for the Holy Grail	Edwin Abbey
Monuments of Egypt	Jules Guevin
Washington Monument	Jules Guevin
Hour of Reverie	Bridgeman
Hunting with a Hawk	Bridgeman
Holland Cattle and Fishing Boats	Mesdag (?)
Hanging of the Crane	Taylor
Priscilla and John Alden	Taylor
Pictures of Japanese Art	Hiroshigi
Pictures of Japanese Art	Hokusai
Rhine Prints (colored).	
Rivière Prints (colored).	

Grade VIII.

Sistine Madonna	Raphael
Madonna of the Grand Duke	Raphael
St. Michael and the Dragon	Guido Reni
Moses	Michelangelo
The Night Watch	Rembrandt
Portrait of an Old Lady	Rembrandt
Fighting Temeraire	Turner
The Sower	Millet
Joan of Arc	Bastien Le Page
Going to Work	Millet
Joan of Arc	Lematte
The Golden Stairs	Burne-Jones
Hope	Burne-Jones
Automedon and the Horses of Achilles	Regnault
Portrait of His Mother	Whistler
Isabella and the Pot of Basil	J. W. Alexander
Halt of the Wise Men	La Farge
Bugle Call	W. M. Hunt
Medicine Man	Dallin
Signal of Peace	Dallin

Appeal to the Great Spirit	Dallin
Evangeline	Taylor

Mural Decorations.

Public Library Decorations	Charannes
The Prophets	Sargent
Decorations of Trinity Church	La Farge
Evolution of the Book	J. W. Alexander
Boy of Winander	H. O. Walker
Ganymede	H. O. Walker
Spring Ploughing	H. O. Walker
Young Pioneer	Volk
Shaw Memorial	St. Gaudens
The Puritan	St. Gaudens
Robert Louis Stevenson	St. Gaudens
Statue of Sherman	St. Gaudens

Views of Notre Dame from Seine Façade. Interior.
Views of Cologne Cathedral.
Views of Milan Cathedral.
Views of Salisbury and other English Cathedrals.
Rhine prints (colored).
Rivière prints (colored).

NOTE.— An excellent arrangement for arousing interest on the part of the children in the pictures suggested is to make up circulating sets, these sets to be cataloged by titles. Each week a new group of four or five pictures can be sent to each teacher. Interesting facts can be written on the backs of the pictures. As nearly all of those in the foregoing list can be bought at a very reasonable sum, and mounted on cardboard at small expense, it simply requires some interested teacher in each school to prepare and manage the scheme.

For good books concerning methods for picture study consult pages IV. and V. of January, 1912, number of the School Arts Magazine (120 Boylston street, Boston); also later numbers.

CHAPTER VII.

METHODS IN THE USE OF THE STEREOPTICON.

In the use of the projection lantern two distinct methods are to be recognized — the lecture method and the recitation method. The two may occasionally be combined, but experience has shown that they should, as a rule, be kept distinct. Each has its place according to the topic and the needs of the class.

In the lecture method the teacher prepares her subject carefully; she arranges the slides in progressive order, and as each appears on the screen she speaks as entertainingly as possible about the scene presented. She calls the attention of the class to the features she wishes to emphasize, points out the interesting things to be seen in the picture, and uses every possible means to enrich her theme and deepen the impression.

To produce the best results, the talk must be logical, progressive, clean-cut; it must leave a definite impression upon the minds of her hearers. It must rival in interest the attractions of the pictures themselves. The pupils listen, take notes if it seems desirable, and on their return to the class room discuss the pictures and reproduce the main point of the lantern talk. If the reflectoscope is used, the post cards and other pictures used are placed on a large screen in the class room and serve for purposes of review.

In the lecture method the teacher must emphasize essentials. She must know clearly what she wishes to teach, must teach it definitely, and not give too many details. At first the tendency is to talk too much. On the whole, while this method may profitably be employed in all the grammar grades, it is less valuable than the other, and should not often be used in the upper grades. Care must be taken not to use too many slides in a single lesson; from fifteen to twenty-five will be found to be the most satisfactory.

In the second method the pupil does the talking. A day or two before the lantern lesson he is given the slide, directed as to where he may find the necessary information, and expected to

carefully prepare what he is to say. When the picture appears on the screen he tells the class (preferably in his own words) the facts that he has learned. While he is speaking, the next pupil steps forward so as to be ready the instant the next picture appears. In this way no time is lost. The work of preparation is divided among twenty or twenty-five pupils, with consequently increased interest and profit to all. This method gives each pupil an opportunity to learn where valuable information may be obtained, practice in preparing his part, and drill in speaking, so that he may be understood by the others. It is perhaps the very best practice in oral recitation that can be given.

A third method, which may be termed the unprepared recitation, is productive of excellent results, and arouses great interest. This may be carried on as follows: Select one of the leaders in the class to take charge of the recitation. Have the room light enough so that he may easily recognize his companions. As the first picture (which none of the pupils have seen) appears on the screen, the leader asks what it shows concerning the topic under discussion. As the hands are raised he calls upon first one and then another, until all the important features shown in the slide have been discovered. Children in the upper grades soon acquire remarkable keenness in ferreting out the less obvious phases of the lantern picture; the recitation develops their power of observation, and gives splendid practice in oral expression. An occasional review, conducted in this way with new slides, is of great value.

Whatever the method employed, the important things in a lantern lesson are to have the topics clearly presented, the language simple and direct, and the essentials plainly and briefly reviewed at the close of the lesson. Recitations worked out according to these plans, illustrated with not too many carefully selected and well-arranged slides, in the hands of an enthusiastic teacher, cannot fail to produce successful results. The impressions thus conveyed will be far more vivid and lasting than lessons learned from the printed page.

A few suggestions concerning the manipulation of the lantern may be of help. Each teacher in the grammar grades should understand how to operate the stereopticon, though the actual running of it should be left to the older boys. In all classes in

the upper grades can be found pupils who quickly learn how to operate the lantern and who take delight in doing it. Two pupils, preferably older boys, one to look after the carbons, the other to run the slides, make a good team.

They should be taught how to connect the electric current with the lantern, how to put on the switch, and cautioned to separate the carbons the instant the spark appears. This is very important, as the fuses are likely to be blown out if the carbons remain in contact for even a few seconds. The carbons should be kept very near together until the current has been flowing for some time and the lantern has become well "warmed up."

When the lantern has been running for some minutes the carbons should be kept from one-eighth to one-fourth of an inch apart. Care should be taken not to allow the upper carbon to project over the lower, as a shadow is cast over the screen if this happens. The "crater" should always be in the upper carbon; if it appears in the lower, the wires connecting the carbons with the rheostat should be changed the one for the other. Care should be taken when the carbons are first lighted that the carbon-carrier is moved away from the lense. When the lantern is quite warm the carrier can be correctly adjusted.

In operating the reflectoscope three boys can work together to good advantage, one placing the picture in the lantern, one removing the used picture, and the third looking after the proper adjustment of the carbons.

Teachers who are beginning work with the lantern will find it advantageous at first to combine with another teacher of the same grade, if the lantern is in the school hall or a large recitation room. One teacher conducts the lesson while the other attends to the order of the class and supervises the running of the lantern. With the arc lantern the room need not be dark. Enough light may be admitted to enable the teachers to see their pupils distinctly, and yet not seriously interfere with the clearness of the picture, if the light does not fall directly upon the screen.

CHAPTER VIII.

METHODS IN THE USE OF STEREOSCOPES AND STEREOGRAPHS.

The strong point in stereographic work is its near approach to field conditions. The observer is mentally projected into the field of vision, while the distraction so often present in actual field experiences are excluded. Children gain much from the study of stereographs.

The methods for using stereographs may vary with the purpose of the lesson. There seem to be three main purposes — first, class instruction upon some definite object for observation, or as a field lesson for the study of type forms; second, individual study for the pupil's original application or interpretation of lesson points, from text or notes; third, to increase the pupil's fund of general information.*

In the first, class instruction, best results are obtained when each pupil has a stereoscope with a like picture. Then pupils and teacher act as a unit, and concentration and accuracy are attained in the shortest time.

In the second, individual study, each pupil should have a stereoscope and a like collection of a few vivid pictures of the points to be made, that all may work at the same time, covering the same ground, but each in his own way.

For the third, to increase the pupil's general information, it is desirable that each pupil have a single stereoscope to keep throughout the class period while a large number of single pictures circulate about the class, thus giving a great variety at minimum expense.

If the same glass is kept in the hands of one pupil throughout one period, and carefully wiped after and before each lesson

* H. C. White Company, Keystone View Company, and Underwood & Underwood (see chapter I.) have printed matter giving detailed information illustrating these methods.

with cloth wet with one part alcohol and three parts water, small exception can be taken to its use by another child at a subsequent lesson.

There should be a sufficient number of stereoscopes to supply at least half of the class at once. Any device that assures the quiet, prompt exchange of circulation pictures and a proper care of material is acceptable.

CHAPTER IX.

MAKING SLIDES WITHOUT A DARK ROOM.

Slides for maps, graphs, diagrams, etc., may be made easily by any teacher at trifling expense. The whole process is simple, and after little practice excellent results may be obtained.

Take a box of $3\frac{1}{4}$ by $4\frac{1}{4}$ camera plates; place one of them in a strong solution of hypo (hyposulphite of soda) until the plate is perfectly transparent, then wash for twenty minutes in running water. Place the transparent plate on edge in a room free from dust and allow it to dry. With a glass-cutter cut off a quarter of an inch from the length, making your plate the standard lantern size, $3\frac{1}{4}$ by 4 inches.

You now have a glass plate coated with a transparent film upon which you can draw maps or designs with a fine pen and ordinary ink, though India ink is preferable.

Select a map or diagram about $2\frac{1}{2}$ by 3 inches in dimensions. Place the plate, film side up, over the map, and trace the outlines carefully. Allow it to dry thoroughly.

If you wish to color the design, secure from your photographic dealer some transparent water or oil colors. The peerless Japanese water color papers are excellent for this purpose, and may be purchased from the larger houses for five cents a paper. Tint the slide rather than paint it, and be sure to spread the colors on evenly.

When the slide is dry, cut a mat out of ordinary white or brown paper, place this upon the film side of the plate, and over the mat place a cover-glass the size of your slide. Bind the two plates together with gummed paper. Label the slide, and it is ready to use in the lantern. Mats, binding strips and cover-glasses may be bought of any large dealer in photographic supplies.

A little practice will enable you to produce a very satisfactory slide at a cost of six or seven cents. Maps, graphs, sketches for the drawing or nature-study lesson, etc., may be made in this way, and important facts, printed by hand upon the film, serve to fix the lantern lesson indelibly upon the mind.

CHAPTER X.

SOURCES OF FREE MATERIAL.

Lantern slides may be borrowed from the following sources. Mounted prints are available in some cases.

I. Boston Art Museum.

a. Egyptian Room.

5 boxes of views of Egypt and Egyptian Art.

b. Western Art Office.

Mohammedan countries and Mohammedan Art — Persia, etc.

c. Director's Office.

6 boxes on prints in the Museum (one on Durer).
4 boxes on Classical Originals in the Museum.
14 boxes on Views and Objects of Classical Art outside the Museum.
3 boxes on Chinese and Japanese Art (two of Art in the Museum — one of Art outside of the Museum).
2 boxes of the most important paintings in the Museum.
3 boxes on textiles (one of Japanese textiles).
1 box on rooms in the Museum.

II. Boston Public Library.

A large amount of mounted material, illustrating natural history, art, geographical and historical topics, has been prepared for the schools. A catalogue is soon to be issued. A visit to the library is the best way to become acquainted with this valuable material. Sets of mounts may be obtained in the same way as books.

There are about ten thousand slides which are also cataloged under these subjects.

Egypt and Egyptian Art.
Greece.
Asia Minor (Syria and Turkey).
Italy (a large number).
France.
Belgium and Holland (a few).
Denmark, Sweden, and Norway (a few).

Germany.
Austria-Hungary.
Great Britain.
Spain.
India.
Boston.
Houses and Public Buildings.
Paintings and Sculpture.

These slides are made to illustrate the library lectures, but may be borrowed by the schools on requests filed at the local branch library. The sets are in most cases, incomplete, but from time to time new slides are added as they are needed by the lecturers. By consulting the circulars issued by the library to advertise the lectures some idea can be obtained of the new slides as they are added. These slides are catalogued in the Fine Arts Department. For further information consult Central Library, telephone, Back Bay 604, Mr. Fleischer, Fine Arts Department.

III. Manual Arts Department.

About six hundred slides are controlled by this department. Apply to Mr. Theodore M. Dillaway, Director of Manual Arts, Public Latin School, Warren avenue. Many of the slides were used by Mr. Hopkins in his lectures. Included among them are these subjects:

Italy and Italian Art.
Famous Buildings and Monuments of the World.
Greece and Greek Art.
Egypt and Egyptian Art.
Flemish Art.
Modern Art.
Flowers and Decorative Arrangement.
Interiors (chiefly of historic buildings).
Pottery and other Manual Arts.

4. Doctor Lincoln Collection.

Property of the Boston School Department, collected about twelve years ago. One complete set is now in the George Putnam School.

Set 1.	Seacoasts	18 slides.
Set 2.	Rivers and Valleys	25 slides.

Set 3.	Flood Plains	17 slides.
Set 4.	Plains and Mountains	16 slides.
Set 5.	Volcanic Action	12 slides.
Set 6.	Glaciers and Climate	14 slides.
Set 7.	Great Rivers	22 slides.
Set 8.	Houses, European Races	22 slides.
Set 9.	Houses, Other Races	37 slides.
Set 10.	Races, White	20 slides.
Set 11.	Races, Red	25 slides.
Set 12.	Races, Other	25 slides.
Set 13.	Vegetation	20 slides.
Set 14.	Farming	31 slides.
Set 15.	Staple Products	23 slides.
Set 16.	Stock Raising	11 slides.
Set 17.	Fishing	11 slides.
Set 18.	Mining and Lumbering	30 slides.
Set 19.	Manufacturing	10 slides.
Set 20.	Travel by Land	29 slides.
Set 21.	Travel by Land	24 slides.
Set 22.	Travel by Land	16 slides.
Set 23.	Travel by Water	25 slides.
Set 24.	Same, and Forms of Vessels	24 slides.

5. Professor Barton and the Teachers' School of Science.

At the Natural History Building, on Boylston street, slides may be borrowed illustrating geographical and geological subjects, as well as views. The slides are classified and cataloged. Many of them are the property of Professor Barton and illustrate his travels, as, for example, his set on Iceland.

Professor Barton will be very glad to give any information concerning the slides which may be obtained from him or his assistants.

6. Massachusetts Audubon Society.

(See Chapter 4.)

7. Massachusetts Humane Society.

(See Chapter 4.)

8. Bureau of Forestry.

Slides representing forest industries, national forest views, trees and injurious insects can be obtained from the Forestry Department at Washington.

For further information consult Mr. John C. Brodhead, Manual Arts Department, Public Latin School, Warren avenue, Boston, Mass.

9. The Appalachian Mountain Club.

The Appalachian Mountain Club is willing to loan their views, which may be obtained from Miss Adelaide Meserve, Councilor of Art, Appalachian Mountain Club, 1050 Tremont Building, Boston.

This list is fairly complete.

Northern peaks	50
North side	20
Mt. Washington	50
Southern peaks	25
Crawford's	17
Carter Range	11
Franconia Range	15
Waterville	50
North Conway and Jackson	25
Sandwich Range	40
Pemigewasset Wilderness	40
Stinson Lake, Monadnock, Wachusett	32
Three Mile Island	120
Squam Lake and miscellaneous	50
Belgrade, Rangeley, and Maine	50
Portsmouth, Kittery, and York	25
Local	45
Quebec and vicinity	70
Foreign	40
	775

10. Boston Chamber of Commerce.

The Boston Chamber of Commerce has agreed to prepare slides illustrating the industries and industrial possibilities of Boston.

When these slides are in readiness, further information will be published.

11. Canadian Pacific Railroad.

The Canadian Pacific Railway has a set of slides illustrating a trip from St. John to Vancouver. A printed lecture to accompany these slides may also be borrowed.

The company has some slides on wheat growing and other Canadian industries. New slides to illustrate the territory covered by these lines are being added from time to time and suggestions from the teachers as to the character of these would be gladly received by the company.

Apply at the company's office, 362 Washington street, Boston, Mass.

12. Denver and Rio Grande Railroad.

The Denver and Rio Grande Railway Company has a set of slides of scenes along their line. The slides may be obtained at the office of the company, 728 Old South Building, of Mr. Percy Van Tassell, travelling passenger agent.

As there is but one set of slides, Mr. Van Tassell suggests a week's notice when possible. Also, as he is in his office on Mondays and Saturdays only, arrangements for slides should be made on these days.

13. Santa Fe Railroad.

The Santa Fe Railway Company has sets of slides illustrating the Grand Cañon, Yosemite Valley, Petrified Forest, etc. For information inquire at the company's office, 336 Washington street, Boston, Mass.

14. Grand Trunk Railroad.

The Grand Trunk Railway Company has a series of slides on Canada, particularly Western Canada and Ontario, also a set illustrating the trip from Boston to Chicago.

Apply to Mr. E. H. Boynton, New England passenger agent, 256 Washington street, telephone, Main 1023.

15. The Northern Pacific Railroad.

The Northern Pacific Railway Company has two sets of slides on Yellowstone Park. There are about seventy-five slides in each set and they are beautifully colored.

Apply to Mr. C. E. Foster, district passenger agent, 207 Old South Building, telephone, Main 3161.

16. The Southern Pacific Railroad.

The Southern Pacific Railway Company has many beautiful colored views of the Yosemite Valley, Mariposa Grove, and others

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of scenic interest along their route, as well as many illustrative of the industries of California.

There is a list of these views that may be consulted. The slides will be loaned in sets or separately.

Apply to Mr. Frank E. Hiltz, Southern Pacific Railway, 12 Milk street.

17. Great Northern Railroad.

The Great Northern Railway Company has slides illustrating the country from St. Paul to the Pacific Coast, also views and literature on the new National Park.

Inquire of William A. Seward, general agent, 264 Washington street.

18. Rock Island.

The Rock Island lines have slides illustrating the country crossed by their lines. For information inquire of Miss Harriet E. Sargent, master's assistant, Dwight School.

19. United States Department of Agriculture.

Bureau of Biological Survey.

Farmers' Bulletin No. 513.

"Fifty Common Birds of Farm and Orchard."

20. Gardner Collection, Harvard University.

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